SEQUENCE LISTING

<110> Siegel, Donald L.

<120> Rh(D)-BINDING PROTEINS AND MAGNETICALLY ACTIVATED CELL SORTING METHOD FOR PRODUCTION THEREOF

<130> 09596-42U2

<140> 09/240,274
<141> 1999-01-29

<150> 60/081,380
<151> 1998-04-10

<150> 60/028,550
<151> 1996-10-11

<160> 224

<170> PatentIn Ver. 2.0

<210> 1
<211> 128
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<213> Homo sapiens

<220>
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<400> 1

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Arg Ser Tyr
20 25 30

Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Ala Thr Ala Tyr Asp Gly Lys Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Phe
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Phe Tyr Cys
85 90 95

Ala Arg Gly Gly Phe Tyr Tyr Asp Ser Ser Gly Tyr Tyr Gly Leu Arg
100 105 110

His Tyr Phe Asp Ser Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 2
<211> 124
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C01

<400> 2
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Ser Ser Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Val Ile Ser Tyr Asp Gly His His Lys Asn Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Lys Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Asn Leu Arg Gly Glu Val Thr Arg Arg Ala Ser Val Pro Phe Asp
100 105 110

Ile Trp Gly Pro Gly Thr Met Val Thr Val Ser Ser
115 120

<210> 3
<211> 124
<212> PRT

<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C03

<400> 3
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln His Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Ser Ser Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Val Ile Ser Tyr Asp Gly His His Lys Asn Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Lys Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Asn Leu Arg Gly Glu Val Thr Arg Arg Ala Ser Val Pro Phe Asp
100 105 110

Ile Trp Gly Pro Gly Thr Met Val Thr Val Ser Ser
115 120

<210> 4
<211> 124
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C04

<400> 4
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Ser Thr Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Val Ile Ser Tyr Asp Gly His Asn Lys Asn Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Lys Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Asn Leu Arg Gly Glu Val Thr Arg Arg Ala Ser Ile Pro Phe Asp
100 105 110

Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser
115 120

<210> 5
<211> 124
<212> PRT
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<220>
<223> anti-Rh(D) chain C04

<400> 5
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Ser Ser Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Ile Ser Tyr Asp Gly Thr Asn Lys Tyr Phe Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Lys Thr Leu Tyr
65 70 75 80

Leu Gln Met Thr Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Phe Cys
85 90 95

Ala Asn Leu Arg Gly Glu Val Thr Arg Arg Ala Ser Val Pro Leu Asp
100 105 110

Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser

115 120

<210> 6
<211> 124
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<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C08

<400> 6
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Ser Ser Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Ile Ser Tyr Asp Gly Thr Asn Lys Tyr Phe Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Lys Thr Leu Tyr
65 70 75 80

Leu Gln Met Thr Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Phe Cys
85 90 95

Ala Asn Leu Arg Gly Glu Val Thr Arg Arg Ala Ser Val Pro Leu Asp
100 105 110

Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser
115 120

<210> 7
<211> 124
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C10

<400> 7
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Ser Ser Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Val Ile Ser Tyr Asp Gly His His Lys Asn Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Lys Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Pro Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Asn Leu Arg Gly Glu Val Thr Arg Arg Ala Ser Val Pro Phe Asp
100 105 110

Ile Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 8
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<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D01

<400> 8
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Val Val Ser Gly Phe Thr Phe Asn Asn Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys

85 90 95

Ala Arg Glu Asn Gln Ile Lys Leu Trp Ser Arg Tyr Leu Tyr Tyr Phe
100 105 110

Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 9
<211> 125
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D03

<400> 9
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Thr Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Ile Trp Phe Asp Gly Ser Asn Lys Glu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Val Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Glu Val Val Arg Gly Val Ile Leu Trp Ser Arg Lys Phe
100 105 110

Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 10
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D04

<400> 10
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Ala Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Val Ala Ser Gly Phe Ser Leu Arg Ser Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asp Ile Trp Phe Asp Gly Ser Asn Lys Asp Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Trp Arg Val Arg Ala Phe Ser Ser Gly Trp Leu Ser Ala
100 105 110

Phe Asp Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser
115 120 125

<210> 11
<211> 127
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D05

<400> 11
Glu Val Gln Leu Leu Glu Glu Ser Gly Gly Gly Val Ala Gln Pro Gly
1 5 10 15

Arg Ser Leu Arg Leu Ser Cys Val Ala Ser Gly Phe Ser Leu Arg Ser
20 25 30

Tyr Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Val Ala Asp Ile Trp Phe Asp Gly Ser Asn Lys Asp Tyr Ala Asp Ser

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     50                  55                  60

Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu
 65                  70                  75                  80

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
                 85                  90                  95

Cys Ala Arg Asp Trp Arg Val Arg Ala Phe Ser Ser Gly Trp Leu Ser
            100                 105                 110

Ala Phe Asp Ile Trp Gly Gln Gly Thr Thr Val Ser Val Ser Ser
        115                 120                 125


<210> 12
<211> 125
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D07

<400> 12
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
  1               5                  10                  15

Ser Leu Arg Leu Ser Cys Ala Val Ser Gly Phe Thr Leu Thr Asn Tyr
             20                  25                  30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
         35                  40                  45

Ala His Val Trp Tyr Asp Gly Ser Lys Thr Glu Tyr Ala Asp Ser Val
     50                  55                  60

Lys Gly Arg Phe Ala Val Ser Arg Asp Lys Ser Lys Asn Thr Leu Phe
 65                  70                  75                  80

Leu Gln Met Asn Ser Leu Thr Ala Glu Asp Thr Ala Ile Tyr Tyr Cys
                 85                  90                  95

Ala Arg Glu Arg Arg Glu Lys Val Tyr Ile Leu Phe Tyr Ser Trp Leu
            100                 105                 110

Asp Arg Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120                 125
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<210> 13
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D08

<400> 13
Glu Val Gln Leu Leu Glu Glu Ser Gly Gly Gly Val Val Gln Pro Gly
1 5 10 15

Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser
20 25 30

Tyr Gly Met His Trp Val Arg Gln Ala Pro Gly Arg Gly Leu Glu Trp
35 40 45

Val Ala Leu Ile Trp Tyr Asp Gly Gly Asn Lys Glu Tyr Ala Asp Ser
50 55 60

Val Lys Gly Arg Phe Ser Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu
65 70 75 80

Tyr Leu Gln Val Asn Ser Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr
85 90 95

Cys Ala Arg Asp Gln Arg Ala Ala Ala Gly Ile Phe Tyr Tyr Ser Arg
100 105 110

Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 14
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D09

<400> 14
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Lys Phe Thr Leu Tyr Asn Tyr

20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Phe Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Glu Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Val Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Gly Ser Lys Lys Val Ala Leu Ser Arg Tyr Tyr Tyr Tyr
100 105 110

Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 15
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D10

<400> 15
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Lys Phe Thr Leu Tyr Asn Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Phe Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Glu Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Val Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Gly Ser Lys Lys Val Ala Leu Ser Arg Tyr Tyr Tyr Tyr
100 105 110

Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 16
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D11

<400> 16
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Lys Phe Thr Leu Tyr Asn Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Glu Gly Leu Glu Trp Val
35 40 45

Ala Phe Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Val Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Val Ser Lys Lys Leu Ala Leu Ser Arg Tyr Tyr Tyr Tyr
100 105 110

Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 17
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D12

<400> 17
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ala Cys Ala Ala Ser Gly Phe Ser Phe Arg Ser Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Arg Gly Leu Glu Trp Val
35 40 45

Ala Phe Thr Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Val Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Glu Met Asn Ser Leu Arg Val Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Ala Ser Met Leu Arg Gly Ile Ser Arg Tyr Tyr Tyr Ala
100 105 110

Met Asp Val Trp Gly Pro Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 18
<211> 127
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D13

<400> 18
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Thr Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Ile Trp Phe Asp Gly Ser Asn Arg Asp Tyr Ala Glu Ser Val
50 55 60

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Lys Gly Arg Phe Thr Ile Ser Arg Asp Lys Ser Lys Asn Thr Leu Tyr
 65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Ser Ala Val Tyr Tyr Cys
                 85                  90                  95

Ala Arg Glu Asn Val Ala Arg Gly Gly Gly Gly Val Arg Tyr Lys Tyr
            100                 105                 110

Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120                 125


<210> 19
<211> 127
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D14

<400> 19
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
  1               5                  10                  15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Thr Tyr
            20                  25                  30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Val Ile Trp Phe Asp Gly Ser Lys Arg Asp Tyr Ala Glu Ser Val
     50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Ser Ala Val Tyr Tyr Cys
                 85                  90                  95

Ala Arg Glu Asn Val Ala Arg Gly Gly Gly Gly Ile Arg Tyr Lys Tyr
            100                 105                 110

Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120                 125


<210> 20
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<211> 125
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D15

<400> 20
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Val Val Ser Gly Phe Thr Phe Asn Asn Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Asn Gln Ile Lys Leu Trp Ser Arg Tyr Leu Tyr Tyr Phe
100 105 110

Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 21
<211> 125
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D16

<400> 21
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Val Val Ser Gly Phe Thr Phe Asn Asn Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Asn Gln Ile Lys Leu Trp Ser Arg Tyr Leu Tyr Tyr Phe
100 105 110

Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 22
<211> 125
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D17

<400> 22
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Val Val Ser Gly Phe Thr Phe Asn Asn Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Asn Gln Ile Lys Leu Trp Ser Arg Tyr Leu Tyr Tyr Phe
100 105 110

```
Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120                 125


<210> 23
<211> 125
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D18

<400> 23
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
  1               5                  10                  15

Ser Leu Arg Leu Ser Cys Val Val Ser Gly Phe Thr Phe Asn Asn Tyr
             20                  25                  30

Gly Met His Trp Val Arg Gln Ala Ser Gly Lys Gly Leu Glu Trp Val
         35                  40                  45

Ala Val Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
     50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                 85                  90                  95

Ala Arg Glu Asn Gln Ile Lys Leu Trp Ser Arg Tyr Leu Tyr Tyr Phe
            100                 105                 110

Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120                 125


<210> 24
<211> 125
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D20

<400> 24
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Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
 1               5                  10                  15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Thr Tyr
            20                  25                  30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Val Ile Trp Phe Asp Gly Ser Asn Lys Glu Tyr Ala Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                85                  90                  95

Ala Arg Glu Glu Val Val Arg Gly Val Ile Leu Trp Ser Arg Lys Phe
            100                 105                 110

Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120                 125
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<210> 25
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D30

<400> 25

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Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
 1               5                  10                  15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
            20                  25                  30

Gly Met Arg Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
        35                  40                  45

Ala Val Val Tyr Tyr Asp Gly Ser Asn Lys His Tyr Ser Asp Ser Val
    50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65                  70                  75                  80
```

Leu Gln Met Asp Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Arg Asn Phe Arg Ser Gly Tyr Ser Arg Tyr Tyr Tyr Gly
100 105 110

Met Asp Val Trp Gly Pro Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 26
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D31

<400> 26
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Val Tyr Tyr Asp Gly Ser Asn Lys His Tyr Ser Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asp Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Arg Asn Phe Arg Ser Gly Tyr Ser Arg Tyr Tyr Tyr Gly
100 105 110

Met Asp Val Trp Gly Pro Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 27
<211> 127
<212> PRT

<213> Homo sapiens

<220>
<223> anti-Rh(D) chain E01is

<400> 27
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Ser Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ser Ser Ile Ser Asn Ser Asn Thr Tyr Ile Tyr Tyr Ala Asp Ala Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Ser Arg Tyr Ser Asn Phe Leu Arg Trp Val Arg Ser Asp
100 105 110

Gly Met Asp Val Trp Gly Gln Gly Thr Thr Val Ile Val Ser Ser
115 120 125

<210> 28
<211> 131
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain E03

<400> 28
Glu Val Gln Leu Leu Glu Ser Gly Val Glu Ser Gly Gly Gly Leu Val
1 5 10 15

Lys Pro Gly Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr
20 25 30

Phe Ser Ser Tyr Ser Met His Trp Val Arg Gln Gly Pro Gly Lys Gly
35 40 45

```
Leu Glu Trp Val Ser Ser Ile Ser Asn Ser Asn Thr Tyr Ile Tyr Tyr
     50                  55                  60

Ala Asp Ala Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys
 65                  70                  75                  80

Asn Ser Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu His Thr Ala
                 85                  90                  95

Val Tyr Tyr Cys Ala Arg Asp Ser Arg Tyr Ser Asn Phe Leu Arg Trp
            100                 105                 110

Val Arg Ser Asp Gly Met Asp Val Trp Gly Gln Gly Thr Thr Val Ile
        115                 120                 125

Val Ser Ser
    130


<210> 29
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain F01

<400> 29
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
  1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Phe Arg Asn Asp Leu
             20                  25                  30

Gly Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Arg Leu Ile Tyr
         35                  40                  45

Ala Thr Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
     50                  55                  60

Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Asn Ser Leu Gln Pro Glu
 65                  70                  75                  80

Asp Ser Ala Thr Tyr Tyr Cys Leu Gln His Asn Ser Phe Pro Trp Thr
                 85                  90                  95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
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100 105

<210> 30
<211> 112
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain G01

<400> 30
Ala Glu Leu Thr Gln Ser Pro Leu Ser Leu Pro Val Thr Pro Gly Glu
1 5 10 15

Pro Ala Ser Ile Ser Cys Arg Ser Ser Gln Ser Leu Leu His Ser Ser
20 25 30

Gly Phe Asn Phe Leu Asp Trp Tyr Leu Gln Lys Pro Gly Gln Ser Pro
35 40 45

Gln Leu Leu Ile Tyr Met Gly Ser Asn Arg Ala Ser Gly Val Pro Asp
50 55 60

Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Lys Ile Asn
65 70 75 80

Arg Val Glu Ala Glu Asp Val Gly Val Tyr Tyr Cys Met Gln Ala Leu
85 90 95

Gln Phe Pro Leu Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg
100 105 110

<210> 31
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain H01

<400> 31
Ala Glu Leu Thr Gln Ser Pro Ser Phe Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Thr Ser Tyr Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ala Ser Leu Gln Pro Asp
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Leu Asn Asn Tyr Pro Pro Phe
85 90 95

Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
100 105

<210> 32
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I01

<400> 32
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Pro Tyr
85 90 95

Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg

100 105

<210> 33
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I02

<400> 33
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Leu Trp Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 34
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I03

<400> 34
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Ala Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Thr Ser Arg Asn Ile Asn Arg Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Thr Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Phe Thr
85 90 95

Phe Gly Pro Gly Thr Lys Val Asp Leu Lys Arg
100 105

<210> 35
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I04

<400> 35
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asn Ile Arg Arg Ser Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Ser Asn Thr Pro Trp Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 36
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I05

<400> 36
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Arg Arg Tyr Leu
20 25 30

Asn Trp Tyr Gln His Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Phe
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Thr Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Gln Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 37
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I06

<400> 37
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Ile Thr
85 90 95

Phe Gly Gln Gly Thr Arg Leu Glu Ile Lys Arg
100 105

<210> 38
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I07

<400> 38
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Arg Thr
85 90 95

Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 39
<211> 107
<212> PRT

<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I08

<400> 39
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Arg Thr
85 90 95

Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 40
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I09

<400> 40
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

```
Gly Ser Gly Thr Asp Ser Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
 65                  70                  75                  80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Leu Asn Ser Tyr Pro Tyr Thr
                85                  90                  95

Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
            100                 105


<210> 41
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I10

<400> 41
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
  1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asn Ile Ser Ser Tyr Leu
             20                  25                  30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
         35                  40                  45

Ala Ala Ser Ser Leu Gln Ser Gly Val Leu Ser Arg Phe Ser Gly Ser
     50                  55                  60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
 65                  70                  75                  80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Pro Tyr
                85                  90                  95

Ser Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
            100                 105


<210> 42
<211> 103
<212> PRT
<213> Homo sapiens

<220>
```

<223> anti-Rh(D) chain I11

<400> 42

```
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
 1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
            20                  25                  30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Thr Leu Leu Ile Asn
        35                  40                  45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
    50                  55                  60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65                  70                  75                  80

Asp Phe Ala Ile Tyr Tyr Cys Gln Gln Arg Glu Thr Phe Gly Gln Gly
                85                  90                  95

Thr Lys Leu Glu Ile Lys Arg
            100
```

<210> 43
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I12

<400> 43

```
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
 1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
            20                  25                  30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
        35                  40                  45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
    50                  55                  60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65                  70                  75                  80
```

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Pro Tyr
85 90 95

Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
100 105

<210> 44
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I13

<400> 44
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Arg Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Gly Thr Pro His Ser
85 90 95

Phe Gly Arg Gly Thr Lys Leu Glu Ile Lys Arg
100 105

<210> 45
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I15

<400> 45

Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Asn Gln Asn Ile Arg Arg Ser Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Asn Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Thr Leu Gln Gly Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Leu Ala
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Thr Ser Ala Thr Pro Trp Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 46
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I16

<400> 46
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Pro Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Thr Ile Gly Phe Asn Leu
20 25 30

Asn Trp Tyr Gln Gln Thr Ser Gly Lys Pro Pro Lys Leu Leu Ile Tyr
35 40 45

Gly Val Ser Lys Leu Gln Asn Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Thr Asn Asp Ala Leu Trp Thr
85 90 95

```
Phe Gly Gln Gly Thr Lys Val Glu Val Arg Arg
            100                 105


<210> 47
<211> 106
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain J01

<400> 47
Ala Glu Leu Gln Asp Pro Val Val Ser Val Ala Leu Gly Gln Thr Val
  1               5                  10                  15

Arg Ile Thr Cys Gln Gly Asp Gly Leu Arg Ser Tyr Tyr Ala Ser Trp
             20                  25                  30

Tyr Gln Gln Lys Pro Gly Gln Ala Pro Lys Leu Val Met Tyr Gly Arg
         35                  40                  45

Asn Asn Arg Pro Ser Gly Ile Pro Gly Arg Phe Ser Gly Ser Ser Ser
     50                  55                  60

Gly Gln Thr Ala Ala Leu Thr Ile Thr Gly Thr Gln Ala Glu Asp Glu
 65                  70                  75                  80

Ala Asp Tyr Tyr Cys Gln Ser Arg Ala Thr Ser Gly Asn Pro Val Val
                 85                  90                  95

Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105


<210> 48
<211> 106
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain J02

<400> 48
Ala Glu Leu Gln Asp Pro Val Val Ser Val Ala Leu Gly Gln Thr Val
  1               5                  10                  15
```

Arg Ile Thr Cys Gln Gly Asp Gly Leu Arg Ser Tyr Tyr Ala Ser Trp
20 25 30

Tyr Gln Gln Lys Pro Gly Gln Ala Pro Lys Leu Val Met Tyr Gly Arg
35 40 45

Asn Asn Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Ser Ser
50 55 60

Gly Gln Thr Ala Ala Leu Thr Ile Thr Gly Thr Gln Ala Glu Asp Glu
65 70 75 80

Ala Asp Tyr Tyr Cys Gln Ser Arg Ala Thr Ser Gly Asn Pro Val Val
85 90 95

Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 49
<211> 104
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain J04

<400> 49
Ala Glu Leu Gln Asp Pro Val Val Ser Val Ala Leu Gly Gln Thr Val
1 5 10 15

Arg Ile Thr Cys Gln Gly Asp Ser Leu Arg Ser Tyr Tyr Ala Ser Trp
20 25 30

Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Ile Tyr Gly Lys
35 40 45

Asn Ser Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Ser Ser
50 55 60

Gly Asn Thr Ala Ser Leu Thr Ile Thr Gly Ala Gln Ala Glu Asp Glu
65 70 75 80

Ala Asp Tyr Tyr Cys Ser Ser Arg Gly Ser Pro His Val Ala Phe Gly
85 90 95

Gly Gly Thr Lys Leu Thr Val Leu
100

<210> 50
<211> 106
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain J05

<400> 50
Ala Glu Leu Gln Asp Pro Val Val Ser Val Ala Leu Gly Gln Thr Val
1 5 10 15

Lys Ile Thr Cys Gln Gly Asp Ser Leu Arg Lys Tyr Tyr Ala Ser Trp
20 25 30

Tyr Gln Gln Lys Pro Gly Gln Ala Pro Val Leu Val Phe Tyr Ala Arg
35 40 45

Asn Ser Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly Ser Asn Ser
50 55 60

Gly Thr Thr Ala Ser Leu Thr Ile Ala Gly Ala Arg Ala Glu Asp Glu
65 70 75 80

Ala Asp Tyr Tyr Cys His Ser Arg Asp Ser Asn Gly His His Arg Val
85 90 95

Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 51
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain K01

<400> 51
Ala Glu Leu Thr Gln Glu Pro Ser Leu Thr Val Ser Pro Gly Gly Thr
1 5 10 15

Val Thr Leu Thr Cys Ala Ser Ser Thr Gly Ala Val Thr Ser Arg Tyr
20 25 30

Phe Pro Asn Trp Phe Gln Gln Lys Pro Gly Gln Ala Pro Arg Pro Leu
35 40 45

Ile Tyr Ser Ala Ser Asn Lys His Ser Trp Thr Pro Ala Arg Phe Ser
50 55 60

Gly Ser Leu Leu Gly Gly Lys Ala Ala Leu Thr Leu Ser Gly Val Gln
65 70 75 80

Pro Glu Asp Glu Ala Glu Tyr Tyr Cys Leu Leu Tyr Tyr Ser Gly Ala
85 90 95

Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 52
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain K02

<400> 52
Ala Glu Leu Thr Gln Glu Pro Ser Leu Thr Val Ser Pro Gly Gly Thr
1 5 10 15

Val Thr Leu Thr Cys Ala Ser Ser Thr Gly Ala Val Thr Ser Arg Tyr
20 25 30

Phe Pro Asn Trp Phe Gln Gln Lys Pro Gly Gln Ala Pro Arg Pro Leu
35 40 45

Ile Tyr Ser Ala Ser Asn Lys His Ser Trp Thr Pro Ala Arg Phe Ser
50 55 60

Gly Ser Leu Leu Gly Gly Lys Ala Ala Leu Thr Leu Ser Gly Val Gln
65 70 75 80

Pro Glu Asp Glu Ala Glu Tyr Tyr Cys Leu Leu Tyr Tyr Ser Gly Ala
85 90 95

Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 53

<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain K03

<400> 53
Ala Glu Leu Thr Gln Pro Pro Ser Leu Thr Val Ser Pro Gly Gly Thr
1 5 10 15

Val Thr Leu Thr Cys Ala Ser Ser Thr Gly Ala Val Thr Ser Arg Tyr
20 25 30

Phe Pro Asn Trp Phe Gln Gln Lys Pro Gly Gln Ala Pro Arg Ala Leu
35 40 45

Ile Tyr Gly Ser Asn Asn Lys His Ser Trp Thr Pro Ala Arg Phe Ser
50 55 60

Gly Ser Leu Leu Gly Gly Lys Ala Ala Leu Thr Leu Ser Gly Val Gln
65 70 75 80

Pro Glu Asp Glu Ala Glu Tyr Tyr Cys Leu Leu Phe Tyr Ala Gly Ala
85 90 95

Trp Ala Phe Gly Gly Trp Thr Lys Leu Thr Val Leu
100 105

<210> 54
<211> 109
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain L01

<400> 54
Ala Glu Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg
1 5 10 15

Val Thr Ile Ser Cys Ser Gly Gly Ser Ser Asn Ile Ala Ser Asn Thr
20 25 30

Val Asn Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Ser Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly
50 55 60

Ser Lys Ser Gly Thr Ser Ala Thr Leu Val Ile Thr Gly Leu Gln Thr
65 70 75 80

Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp His Ser Arg Ser
85 90 95

Gly Ala Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 55
<211> 109
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain L03

<400> 55
Ala Glu Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg
1 5 10 15

Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Asn Asn His
20 25 30

Val Ser Trp Tyr Gln Gln Leu Pro Gly Met Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Ser Asn Gly Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly
50 55 60

Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Gln Ser
65 70 75 80

Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ala Trp His Asp Ser Leu Tyr
85 90 95

Gly Pro Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 56
<211> 109
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain L04

<400> 56
Ala Glu Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg
1 5 10 15

Val Ser Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Thr
20 25 30

Val Asn Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile
35 40 45

Ser Thr Asn Asn Gln Gly Pro Ser Gly Val Pro Asp Arg Phe Ser Gly
50 55 60

Ser Lys Ser Gly Thr Ser Ser Ser Leu Ala Ile Ser Gly Leu Arg Ser
65 70 75 80

Glu Ala Glu Asp Asp Tyr Tyr Cys Ala Ala Trp Asp Asp Thr Leu Asn
85 90 95

Gly Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 57
<211> 109
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain L05

<400> 57
Ala Glu Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Leu Arg
1 5 10 15

Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Ile
20 25 30

Val Asn Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile
35 40 45

Phe Ser Asn Asn Lys Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly
50 55 60

Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Gln Ser
65 70 75 80

Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Thr Trp Asp Asp Ser Leu Asn
85 90 95

Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 58
<211> 109
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain M01

<400> 58
Ala Glu Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg
1 5 10 15

Val Thr Ile Ser Cys Ser Gly Ser Asn Phe Asn Ile Gly Ser Asn Tyr
20 25 30

Val Phe Trp Tyr Gln His Val Pro Gly Thr Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Asn Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Leu Ser Gly
50 55 60

Ser Lys Ser Gly Ala Ser Ala Ser Leu Ala Ile Asn Gly Leu Arg Ser
65 70 75 80

Asp Asp Glu Ala Asp Tyr Tyr Cys Thr Gly Trp Asp Asp Arg Leu Ser
85 90 95

Gly Leu Ile Phe Gly Gly Gly Pro Lys Val Thr Val Leu
100 105

<210> 59
<211> 109
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain M02

<400> 59
Ala Glu Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg
1 5 10 15

Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Tyr
20 25 30

Val Tyr Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly
50 55 60

Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Arg Ser
65 70 75 80

Glu Asp Glu Ala Asp Tyr Tyr Cys Ala Ala Trp Asp Asp Ser Leu Ser
85 90 95

Gly Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 60
<211> 110
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain M03

<400> 60
Ala Glu Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg
1 5 10 15

Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Asn Tyr
20 25 30

Val Tyr Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly
50 55 60

Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Ser Gly Leu Arg Ser
65 70 75 80

```
Glu Ala Glu Ala Asp Tyr Tyr Cys Ala Ala Trp Asp Asp Ser Leu Ser
                  85                  90                  95

Ala Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu Leu
            100                 105                 110


<210> 61
<211> 109
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain N01

<400> 61
Ala Glu Leu Thr Gln Pro Pro Ser Val Ser Ala Ala Pro Gly Gln Lys
  1               5                  10                  15

Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Asp Ser Asn Tyr
             20                  25                  30

Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile
         35                  40                  45

Phe Asp Asn Tyr Arg Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly
     50                  55                  60

Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln Thr
 65                  70                  75                  80

Gly Asp Glu Ala Asp Tyr Tyr Cys Ala Thr Trp Asp Asp Ser Leu Asn
                  85                  90                  95

Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105


<210> 62
<211> 114
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain N02

<400> 62
Ala Glu Leu Thr Gln Pro Pro Ser Val Ser Ala Ala Pro Gly Gln Lys
```

1 5 10 15

Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Asn Asn Tyr
20 25 30

Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Asn Asn Lys Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser Gly
50 55 60

Ser Lys Ser Gly Thr Ser Ala Thr Leu Gly Ile Thr Gly Leu Gln Thr
65 70 75 80

Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Ser Ser Leu Ser
85 90 95

Ala Gly Arg Val Arg Arg Met Phe Gly Gly Gly Thr Lys Leu Thr Val
100 105 110

Leu Gly

<210> 63
<211> 110
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain 001

<400> 63
Ala Glu Leu Thr Gln Pro Pro Ser Val Ser Gly Ala Pro Gly Gln Arg
1 5 10 15

Val Thr Ile Ser Cys Thr Gly Ser Ser Ser Asn Ile Gly Ala Pro Tyr
20 25 30

Gly Val His Trp Tyr Gln Gln Phe Pro Gly Thr Ala Pro Lys Leu Val
35 40 45

Ile Tyr Asn Asp Asn Asn Arg Pro Ser Gly Val Pro Asp Arg Phe Ser
50 55 60

Gly Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln
65 70 75 80

```
Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Tyr Asp Ser Ser Leu
                  85                  90                  95

Ser Gly Arg Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105                 110


<210> 64
<211> 112
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain 002

<400> 64
Ala Glu Leu Thr Gln Pro Pro Ser Val Ser Gly Ala Pro Gly Gln Thr
  1               5                  10                  15

Val Thr Ile Ser Cys Thr Gly Ser Ser Ser Ser Ile Gly Ala Arg Tyr
             20                  25                  30

Asp Val His Trp Tyr Gln His Leu Pro Gly Thr Ala Pro Lys Leu Leu
         35                  40                  45

Ile Tyr Gly Asn His Asn Arg Pro Ser Gly Val Pro Asp Arg Phe Ser
     50                  55                  60

Gly Ser Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln
 65                  70                  75                  80

Ala Glu Asp Glu Ala Glu Tyr Tyr Cys Gln Ser Tyr Asp Asn Ser Leu
                  85                  90                  95

Ser Gly Ser Ser Val Phe Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105                 110


<210> 65
<211> 110
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain 003
```

<400> 65

```
Ala Glu Leu Thr Gln Pro Pro Ser Gly Ala Pro Gly Gln Thr Val Thr
  1               5                  10                  15

Ile Ser Cys Thr Gly Ser Ser Ser Asn Ile Gly Ala Gly Tyr Asp Val
             20                  25                  30

His Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile Tyr
         35                  40                  45

Gly Asn Ser Asn Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Gly Ser
     50                  55                  60

Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala Glu
 65                  70                  75                  80

Asp Glu Ala Asp Tyr Tyr Cys Gln Ser Tyr Asp Ser Ser Leu Ser Gly
                 85                  90                  95

Pro Tyr Val Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105                 110
```

<210> 66
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain P01

<400> 66

```
Ala Glu Leu Thr Gln Pro Pro Ser Val Ser Val Ala Pro Arg Gln Thr
  1               5                  10                  15

Ala Arg Ile Thr Cys Gly Gly Asp Lys Ile Gly Ser Asn Thr Val His
             20                  25                  30

Trp Tyr Arg Gln Met Ser Gly Gln Ala Pro Val Leu Val Ile Tyr Glu
         35                  40                  45

Asp Lys Lys Arg Pro Pro Gly Ile Pro Glu Arg Phe Ser Gly Ser Thr
     50                  55                  60

Ser Gly Thr Thr Ala Thr Leu Ser Ile Ser Gly Ala Gln Val Glu Asp
 65                  70                  75                  80
```

```
Glu Ala Asp Tyr Tyr Cys Tyr Ser Arg Asp Asn Ser Gly Asp Gln Arg
                  85                  90                  95

Arg Val Phe Gly Ala Gly Thr Lys Leu Thr Val Leu
            100                 105
```

<210> 67
<211> 110
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain Q01

<400> 67

```
Ala Glu Leu Thr Gln Pro Pro Ser Ala Thr Ala Ser Leu Gly Gly Ser
  1               5                  10                  15

Val Lys Leu Thr Cys Ile Leu Gln Ser Gly His Arg Asn Tyr Ala Val
             20                  25                  30

Ala Trp His His Gln Glu Ala Gly Lys Gly Pro Arg Phe Leu Met Thr
         35                  40                  45

Val Thr Asn Asp Gly Arg His Ile Lys Gly Asp Gly Ile Pro Asp Arg
     50                  55                  60

Phe Ser Gly Ser Ala Ser Gly Ala Glu Arg Tyr Leu Ser Ile Ser Gly
 65                  70                  75                  80

Leu Gln Ser Glu Asp Glu Gly Asp Tyr Tyr Cys Gln Thr Trp Gly Thr
                  85                  90                  95

Gly Met His Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
            100                 105                 110
```

<210> 68
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain R01

<400> 68

```
Ala Glu Leu Thr Gln Pro Pro Ser Ala Ser Gly Ser Pro Gly Gln Ser
```

```
  1               5                  10                  15

Val Thr Ile Ser Cys Thr Gly Ala Ser Ser Asp Val Gly Ala Tyr Lys
             20                  25                  30

His Val Ser Trp Tyr Gln Gln His Pro Gly Lys Ala Pro Lys Leu Leu
         35                  40                  45

Thr His Glu Gly Thr Lys Arg Pro Ser Gly Val Pro Asp Arg Phe Ser
     50                  55                  60

Gly Ser Lys Ser Gly Asn Thr Ala Ser Leu Thr Val Ser Gly Leu Gln
 65                  70                  75                  80

Ala Glu Asp Glu Ala Asp Tyr Tyr Cys Ser Ser Phe Ala Gly Asn Ser
                 85                  90                  95

Val Ile Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
             100                 105


<210> 69
<211> 104
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain S01

<400> 69
Ala Glu Leu Thr Gln Pro Pro Ser Val Ser Gly Ser Pro Gly Gln Ser
  1               5                  10                  15

Ile Thr Ile Ser Cys Ser Asp Val Gly Asn Tyr Asn Leu Val Ser Trp
             20                  25                  30

Tyr Gln Gln Tyr Pro Gly Lys Ala Pro Lys Leu Ile Ile Tyr Glu Gly
         35                  40                  45

Ser Lys Arg Pro Ser Gly Val Ser Ser Arg Phe Ser Gly Ser Arg Ser
     50                  55                  60

Gly Asn Thr Ala Ser Leu Thr Ile Ser Gly Leu Gln Ala Glu Asp Glu
 65                  70                  75                  80

Ala Asp Tyr His Cys Cys Ser Tyr Ala Ile Ser Ser Arg Ile Phe Gly
                 85                  90                  95
```

Gly Gly Thr Lys Leu Thr Val Leu
100

<210> 70
<211> 384
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain B01

<400> 70
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cctctggatt caccttcagg agctatgcta tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagct acagcatatg atggaaaaaa taaatactac 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgctgttt 240
ctgcaaatga acagcctgag agctgaggac acggctgtgt tttactgtgc gagaggcgga 300
ttttactatg atagtagtgg ttattacggc ttgaggcact actttgactc ctggggccag 360
ggaaccctgg tcaccgtctc ctca 384

<210> 71
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C03

<400> 71
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cctctggatt ctccttcagt agctatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtgtcagtt atatcatatg atggacatca taaaaactat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa aacgctgtac 240
ctgcaaatga acagcctgag acctgaggac acggctgtat attactgtgc gaacctaagg 300
ggggaagtaa ctcgtcgtgc gtctgttccc tttgatatct ggggcccagg gacaatggtc 360
accgtctctt ca 372

<210> 72
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C01

<400> 72
gaggtgcagc tgctcgagtc gggggggaggt gtggtccagc atgggaggtc cctgagactg 60

tcctgtgcag cctctggatt ctccttcagt agctatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtgtcagtt atatcatatg atggacatca taaaaactat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa aacgctgtac 240
ctgcaaatga acagcctgag acctgaggac acggctgtat attactgtgc gaacctaagg 300
ggggaagtaa ctcgtcgtgc gtctgttccc tttgatatat ggggcccagg gacaatggtc 360
accgtgtctt ca 372

<210> 73
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C04

<400> 73
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cctctggatt ctccttcagt acctatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtgtcagtt atatcatatg atggacataa taaaaactat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa aacgctgtac 240
ctgcaaatga acagcctgag acctgaggac acggctgtgt attactgtgc gaacctaagg 300
ggggaagtaa ctcgtcgtgc gtctattcct tttgatatct ggggccaagg gacaatggtc 360
accgtctctt ca 372

<210> 74
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C05

<400> 74
gaggtgcagc tgctcgagtc gggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cctctggatt cagcttcagt agttatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagtt atatcgtatg atggaactaa taaatacttt 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa aacgctgtat 240
ctgcaaatga ccagcctgag acctgaggac acggctgtgt atttctgtgc gaacctaagg 300
ggggaagtaa ctcgtcgtgc gtccgtacct cttgatatct ggggccaagg gacaatggtc 360
accgtctctt ca 372

<210> 75
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C08

<400> 75
gaggtgcagc tgctcgagtc gggggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cctctggatt cagcttcagt agttatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagtt atatcgtatg atggaactaa taaatacttt 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa aacgctgtat 240
ctgcaaatga ccagcctgag acctgaggac acggctgtgt atttctgtgc gaacctaagg 300
ggggaagtaa ctcgtcgtgc gtctgtacct cttgatatct ggggccaagg gacaatggtc 360
accgtctctt ca 372

<210> 76
<211> 372
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain C10

<400> 76
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cctctggatt ctccttcagt agctatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtgtcagtt atatcatatg atggacatca taaaaactat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa aacgctgtac 240
ctgcaaatga acagcctgag acctgaggac acggctgtat attactgtgc gaacctaagg 300
ggggaagtaa ctcgtcgtgc gtctgttccc tttgatatct ggggcccagg gacattggtc 360
accgtctctt ca 372

<210> 77
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D01

<400> 77
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgtag tgtctggttt caccttcaat aactatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagtt atttggtttg atggaagtaa taaatactat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacactgtac 240
ctgcaaatga acagcctgag agccgaggac acggctgtat attactgtgc gagagagaac 300
cagataaagc tatggtcccg atacctttac tactttgatt actggggcca gggaaccctg 360
gtcaccgtct cctca 375

<210> 78
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D03

<400> 78
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cgtctggatt caccttcagt acctatggca tgcactgggt ccgccaggct 120
ccaggcaagg gactggagtg ggtggcagtt atatggtttg atggaagtaa taaggaatat 180
gcagactccg tgaagggccg attcaccgtc tccagagaca attccaagaa cacgctgtat 240
ctacaaatga acagcctgag agccgaggac acggctgtgt attactgtgc gagagaagaa 300
gtggttcggg gagttatctt atggtctcgg aagtttgact actggggcca gggaaccctg 360
gtcaccgtct cctca 375

<210> 79
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D04

<400> 79
gaggtgcagc tgctcgagtc gggggggaggc gtggcccagc ctgggaggtc cctgagactc 60
tcctgtgtag cgtctggatt cagcctcagg agctatggca tgcactgggt ccgccaggct 120
cctggcaagg ggctggagtg ggtggcagat atatggtttg atggaagtaa taaagattat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgttgtat 240
cttcaaatga acagcctgag agccgaggat acggctgtgt attattgtgc gagagattgg 300
agggtgcggg cctttagtag tggctggtta agtgcttttg atatctgggg ccaagggaca 360
atggtcaccg tctcctca 378

<210> 80
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D05

<400> 80
gaggtgcagc tgctcgagga gtctggggga ggcgtggccc agcctgggag gtccctgaga 60
ctctcctgtg tagcgtctgg attcagcctc aggagctatg gcatgcactg ggtccgccag 120
gctcctggca aggggctgga gtgggtggca gatatatggt ttgatggaag taataaagat 180
tatgcagact ccgtgaaggg ccgattcacc atctccagag acaattccaa gaacacgttg 240
tatcttcaaa tgaacagcct gagagccgag gacacggctg tgtattattg tgcgagagat 300
tggagggtgc gggcctttag tagtggctgg ttaagtgctt ttgatatctg gggccaaggg 360
accacggtca gcgtctcctc a 381

<210> 81

<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D07

<400> 81
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag tgtctggatt caccctaact aattatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcacat gtctggtatg atggaagtaa aacagaatat 180
gcagactccg tcaagggccg attcgccgtc tccagagaca aatccaagaa cacactgttt 240
ctgcaaatga acagcctgac agccgaggac acggctattt attactgtgc gagagagagg 300
agagagaaag tctatatatt gttctactcg tggctcgacc gctggggcca gggaaccctg 360
gtcaccgtct cctca 375

<210> 82
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D08

<400> 82
gaggtgcagc tgctcgagga gtctgggggа ggcgtggtcc agcctgggag gtccctgaga 60
ctctcctgtg cagcgtctgg gttcaccttc agtagctatg gcatgcactg ggtccgccag 120
gctccaggca gggggctgga gtgggtggct cttatatggt acgatggagg taacaaagag 180
tatgcagact ccgtgaaggg ccgcttcagc atctccagag acaattccaa gaacactctg 240
tatctgcaag tgaacagcct gagagccgac gacacggctg tctattactg tgcgagagac 300
cagagagcag cagcgggtat cttttattat tcccgtatgg acgtctgggg ccaagggacc 360
acggtcaccg tctcctca 378

<210> 83
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D09

<400> 83
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgaag cgtctaaatt caccctctac aattatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcattt atatggtttg atggaagtaa taaatactat 180
gaagactccg tgaagggccg attcaccgtc tccagagaca attccaagaa cacgctgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc gagagaagga 300
tctaagaagg tggcactttc taggtattac tattatatgg acgtctgggg ccaggggacc 360

acggtcactg tctcgtca 378

<210> 84
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D10

<400> 84
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgaag cgtctaaatt cacctctac aattatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcattt atatggtttg atggaagtaa taaatactat 180
gaagactccg tgaagggccg attcaccgtc tccagagaca attccaagaa cacgctgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc gagagaagta 300
tctaagaagg tggcactttc taggtattac tactatatgg acgtctgggg ccaggggacc 360
acggtcactg tctcctca 378

<210> 85
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D11

<400> 85
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgaag cgtctaaatt cacctctac aattatggca tgcactgggt ccgccaggct 120
ccaggcgaag ggctggagtg ggtggcattt atatggtttg atggaagtaa taaatactat 180
gcagactccg tgaagggccg attcaccgtc tccagagaca attccaagaa cacgctgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc gagagaagta 300
tctaagaagc tggcactttc taggtactac tactatatgg acgtctgggg ccaggggacc 360
acggtcactg tctcctca 378

<210> 86
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D12

<400> 86
gaggtgcagc tgctcgagtc gggggggaggc gtggtccagc ctgggaggtc cctgagactc 60
gcctgtgcag cgtctggatt cagcttcagg agctatggca tgcactgggt ccgccaggct 120
ccaggcaggg ggctggagtg ggtggcattt acatggtttg atggaagcaa taaatattat 180

gtagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgctgtat 240
ctggaaatga acagcctgag agtcgatgac acggctgtat attactgtgc gagagaggcg 300
tctatgcttc gcggaattag cagatactac tacgcgatgg acgtctgggg cccagggacc 360
acggtcaccg tctcctca 378

<210> 87
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D13

<400> 87
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cgtctggatt caccttcagt acttatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagtt atatggtttg atggaagtaa cagagactat 180
gcagagtccg tgaagggccg attcaccatc tccagagaca agtccaagaa cacactgtat 240
ctgcaaatga acagcctgag agccgaggac tcggctgtgt attattgtgc gagagaaaat 300
gtggctcgtg gggggggggg cgttcgatac aagtactact ttgactactg gggccaggga 360
accctggtca ccgtctcctc a 381

<210> 88
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D14

<400> 88
gaggtgcagc tgctcgagtc gggggggaggc ttggtacagc ctgggggggtc cctgagactc 60
tcctgtgcag cgtctggatt caccttcagt acttatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagtt atatggtttg atggaagtaa gagagactat 180
gcagagtccg tgaagggccg attcaccatc tccagagaca actccaagaa cacactgtat 240
ctgcaaatga acagcctgag agccgaggac tcggctgtgt attactgtgc gagagaaaat 300
gtggctcgtg gggggggggg cattcgatac aagtactact ttgactactg gggccaggga 360
accctggtca ccgtctcctc a 381

<210> 89
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D15

<400> 89

gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgtag tgtctggatt caccttcaat aactatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagtt atttggtttg atggaagtaa taaatactat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacactgtac 240
ctgcaaatga acagcctgag agccgaggac acggctgtat attactgtgc gagagagaac 300
cagataaagc tatggtcccg atacctttac tactttgact actggggcca gggaaccctg 360
gtcaccgtct cctca 375

<210> 90
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D16

<400> 90
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgtag tgtctggttt caccttcaat aactatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagtt atttggtttg atggaagtaa taaatactat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacactgtac 240
ctgcaaatga acagcctgag agccgaggac acggctgtat attactgtgc gagagagaac 300
cagataaagc tatggtcccg atacctttac tactttgact actggggcca gggaaccctg 360
gtcaccgtct cctca 375

<210> 91
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D17

<400> 91
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgtag tgtctggttt caccttcaat aactatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagtt atttggtttg atggaagtaa taaatactat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacactgtac 240
ctgcaaatga acagcctgag agccgaggac acggctgtat attactgtgc gagagagaac 300
cagataaagc tatggtcccg atacctttac tactttgact actggggcca gggaaccctg 360
gtcaccgtct cctcc 375

<210> 92
<211> 375
<212> DNA
<213> Homo sapiens

<220>

<223> anti-Rh(D) chain D18

<400> 92
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgtag tgtctggttt caccttcaat aactatggca tgcactgggt ccgccaggct 120
tcaggcaagg ggttggagtg ggtggcagtt atttggtttg atggaagtaa taaatactat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacactgtac 240
ctgcaaatga acagcctgag agccgaggac acggctgtat attactgtgc gagagagaac 300
cagataaagc tatggtcccg atacctttac tactttgact actggggcca gggaaccctg 360
gtcaccgtgt cctca 375

<210> 93
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D20

<400> 93
gaggtgcagc tgctcgagtc gggggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cgtctggatt caccttcagt acctatggca tgcactgggt ccgccaggct 120
ccaggcaagg gactggagtg ggtggcagtt atatggtttg atggaagtaa taaggaatat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgctgtat 240
ctacaaatga acagcctgag agccgaggac acggctgtgt attactgtgc gagagaagaa 300
gtggttcggg gagttatctt atggtctcgg aagtttgact actggggcca gggaaccctg 360
gtcaccgtct cctca 375

<210> 94
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D30

<400> 94
gaggtgcagc tgctcgagtc gggggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cgtctggatt caccttcagt agctatggca tgcgctgggt ccggcaggct 120
ccaggcaagg ggctggagtg ggtggcagtt gtctactatg atggaagtaa caaacactat 180
tcagactccg tgaagggccg attcaccatc tccagagaca actccaagaa cacgctgtat 240
ctacaaatgg acagcctgag agccgaggac acggctgtgt attactgtgc gagagaaaga 300
aattttcgga gtggttattc ccgctactac tacggtatgg acgtctgggg cccagggacc 360
acggtcaccg tctcctca 378

<210> 95
<211> 378
<212> DNA

<213> Homo sapiens

<220>
<223> anti-Rh(D) chain D31

<400> 95
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cgtctggatt caccttcagt agctatggca tgcactgggt ccggcaggct 120
ccaggcaagg ggctggagtg ggtggcagtt gtctactatg atggaagtaa caaacactat 180
tcagactccg tgaagggccg attcaccatc tccagagaca actccaagaa cacgctgtat 240
ctacaaatgg acagcctgag agccgaggac acggctgtgt attactgtgc gagagaaaga 300
aattttcgga gtggttattc ccgctactac tacggtatgg acgtctgggg cccagggacc 360
acggtcaccg tctcctca 378

<210> 96
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain E01

<400> 96
gaggtgcagc tgctcgagtc tgggggaggc ctggtcaagc ctgggggGtc cctgagactc 60
tcctgtgcag cctctggatt caccttcagt agctatagca tgcactgggt ccgccaggct 120
ccagggaagg ggctggagtg ggtctcatcc attagtaata gtaatactta catatactac 180
gcagacgcag tgaagggccg attcaccatc tccagagaca acgccaagaa ctcactgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt actactgtgc gagagattct 300
agatacagta atttcctccg ttgggttcgg agcgacggta tggacgtctg gggccaaggg 360
accacggtca tcgtctcctc a 381

<210> 97
<211> 393
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain E03

<400> 97
gaggtgcagc tgctcgagtc tggggtggag tctgggggag gcctggtcaa gcctgggggg 60
tccctgagac tctcctgtgc agcctctgga ttcaccttca gtagctatag catgcactgg 120
gtccgccagg gtccagggaa ggggctggag tgggtctcat ccattagtaa tagtaatact 180
tacatatact acgcagacgc agtgaagggc cgattcacca tctccagaga caacgccaag 240
aactcactgt atctgcaaat gaacagcctg agagccgagc acacggctgt gtactactgt 300
gcgagagatt ctagatacag taatttcctc cgttgggttc ggagcgacgg tatggacgtc 360
tggggccaag ggaccacggt catcgtctcc tca 393

<210> 98
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain F01

<400> 98
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acttgccggg caagtcaggg ctttagaaat gatttaggct ggtatcagca gaaaccaggg 120
aaagccccta agcgcctgat ctatgctaca tccagtttgc aaagtggggt cccatcaagg 180
ttcagcggca gtggatctgg gacagaattc actctcacaa tcaacagcct gcagcctgaa 240
gattctgcaa cttattactg tctacagcat aatagtttcc cgtggacgtt cggccaaggg 300
accaaggtgg aaatcaaacg a 321

<210> 99
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain G01

<400> 99
gccgagctca ctcagtctcc actctccctg cccgtcaccc ctggagagcc ggcctccatc 60
tcctgcaggt ctagtcagag cctcctgcat agtagtggat tcaacttttt ggattggtac 120
ctgcagaagc cagggcagtc tccacagctc ctgatctata tgggttctaa tcgggcctcc 180
ggggtccctg acaggttcag tggcagtgga tcaggcacag attttacact gaaaatcaac 240
agagtggagg ctgaggatgt tggggtttat tactgcatgc aagctctaca atttcctctc 300
actttcggcg gagggaccaa ggtggagatc aaacga 336

<210> 100
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain H01

<400> 100
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acttgccggg ccagtcaggg cattacgagt tatttagcct ggtatcagca aaaaccaggg 120
aaagccccta agctcctaat ctatgctgca tccactttgc aaagtggggt cccatcaagg 180
ttcagcggca gtggatctgg gacagaattc actctcacaa tcgccagcct gcagcctgat 240
gattttgcaa cttattactg tcaacagctt aataattacc ccccttttcac tttcggccct 300
gggaccaaag tggatatcaa acga 324

<210> 101
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I01

<400> 101
gccgagctca cccagtctcc atcctcccta tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc ctccgtacac ttttggccag 300
gggaccaagc tggagatcaa acga 324

<210> 102
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I02

<400> 102
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acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc tgtggacgtt cggccaaggg 300
accaaggtgg aaatcaaacg a 321

<210> 103
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I03

<400> 103
gccgagctca cccagtctcc atcctccctg tctgcatctg tagcggacag agtcaccatc 60
acttgccgga caagtcggaa cattaacaga tacttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ttatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcaccagtct gcaacctgaa 240
gattttgcca cttactactg tcaacagagt tacagtaccc ctttcacttt cggccctggg 300
accaaagtgg atctcaaacg a 321

<210> 104
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I04

<400> 104
gccgagctca ctcagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagaa cattaggagg tctttaaatt ggtatcaaca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcagcagagt tccaataccc cgtggacgtt cggccaaggg 300
accaaggtgg aaatcaaacg a 321

<210> 105
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I05

<400> 105
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acttgccggg caagtcagag cattaggagg tatttaaatt ggtatcagca caaaccaggg 120
aaagccccta agctcctgat ctttgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcactggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc ctcaaacgtt cggccaaggg 300
accaaggtgg aaatcaaacg a 321

<210> 106
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I06

<400> 106
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgccgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc cgatcacctt cggccaaggg 300
acacgactgg agattaaacg a 321

<210> 107
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I07

<400> 107
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc ctcgaacttt cggcggaggg 300
accaaggtgg agatcaaacg a 321

<210> 108
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I08

<400> 108
gccgagctca cccagtctcc attctccctg tctgcatctg tcggagacag agtcaccata 60
acttgccggg caagtcagac cattagcagg tctttaaatt ggtatcagca taaaccaggg 120
gaagccccta agctcctgat ctatgctgca tccagtctgc agcgtggggt cccacccagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gactttgcga cttacttctg tcaacagagt gtcagaatcc cgtacagttt tggccagggg 300
accaagctgg agatcaaacg a 321

<210> 109
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I09

<400> 109
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagattcc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttattactg tcaacagctt aatagttacc cgtacacttt tggccagggg 300
accaagctgg agatcaaacg a 321

<210> 110
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I10

<400> 110
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acttgccggg caagtcagaa cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cctatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc ctccgtatag ttttggccag 300
gggaccaagc tggagatcaa acga 324

<210> 111
<211> 309
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I11

<400> 111
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta cgctcctgat caatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca ttagcagtct gcaacctgaa 240
gatttcgcaa tttactactg tcaacagaga gaaacttttg gccaggggac caagctggag 300
atcaaacga 309

<210> 112
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I12

<400> 112
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acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc ctccgtacac ttttggccag 300
gggaccaagc tggagatcaa acga 324

<210> 113
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I13

<400> 113
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acttgccggg caagtcagag cattagcagg tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacggtaccc ctcacagttt tggccggggg 300
accaagctgg agatcaaacg a 321

<210> 114
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I15

<400> 114
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acttgccggg caaatcagaa cattcgtaga tctttaaatt ggtatcagca gaaaccaggg 120
aaagccccta acctcctgat ctatgctgca tccacattgc aaggtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacttgcg 240
gattttgcaa cttactactg tcaacagact tccgctaccc cgtggacgtt cggccaaggg 300
accaaggtgg aaatcaaacg a 321

<210> 115
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain I16

<400> 115
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acttgccggg caagtcagac tattggtttt aatttaaatt ggtatcagca aacatctggg 120
aagccccta aactcctaat ctatggtgtt tccaagttgc aaaatggggt cccttcacgg 180
ttcagtggca gtgggtccgg gacggaattc accctcacaa tcagcagtct gcagcctgag 240
gattttgcga cttattattg tcaacagact aacgatgcgt tgtggacgtt cggccaaggg 300
accaaagtgg aagtcagacg a 321

<210> 116
<211> 318
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain J01

<400> 116
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caaggagacg gcctcagaag ttattatgca agctggtacc agcagaagcc gggacaggcc 120
ccgaaacttg tcatgtacgg tagaaacaac cggccctcag ggatcccagg ccgattctct 180
ggctccagct cagggcagac agctgccttg accatcacgg ggactcaggc ggaggatgag 240
gctgactatt actgtcagtc ccgtgccacc agcggtaacc ctgtggtgtt cggcggaggg 300
actaagctga ccgtcctg 318

<210> 117
<211> 318
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain J02

<400> 117
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caaggagacg gcctcagaag ttattatgca agctggtacc agcagaagcc gggacaggcc 120
ccgaaacttg tcatgtacgg tagaaacaac cggccctcag ggatcccaga ccgattctct 180
ggctccagct cagggcagac agctgccttg accatcacgg ggactcaggc ggaggatgag 240
gctgactatt actgtcagtc ccgtgccacc agcggtaacc ctgtggtgtt cggcggaggg 300
actaagctga ccgtcctg 318

<210> 118
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain J04

<400> 118
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caaggagaca gcctcagaag ctattatgca agctggtacc agcagaagcc aggacaggcc 120
cctgtacttg tcatctatgg taaaaacagc cggccctcag ggatcccaga ccgattctct 180
ggctccagct caggaaacac agcttcgttg accatcactg gggctcaggc ggaagatgag 240
gcggactatt attgtagttc gcggggcagc ccccacgtgg cattcggcgg agggaccaaa 300
ctgaccgtcc tg 312

<210> 119
<211> 318
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain J05

<400> 119
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cagggagaca gcctcagaaa gtattatgca agctggtacc agcagaagcc aggacaggcc 120
cctgtgcttg tcttctatgc tagaaatagc cggccctcag ggatcccaga ccgattctct 180
ggctccaact caggaaccac agcttccttg accatcgctg gggctcgggc ggaagatgag 240
gctgactatt actgtcactc ccgggacagc aatggtcacc atcgggtgtt cggcggaggg 300
accaagctga ccgtccta 318

<210> 120
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain K01

<400> 120
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cctggacaag cacccaggcc actgatttat agtgcaagca acaaacactc ctggacccct 180
gcccggttct caggctccct ccttgggggc aaagctgccc tgacactgtc aggtgtgcag 240
cctgaggacg aggctgagta ttactgcctg ctctactata gtggtgcttg ggtgttcggc 300
ggagggacca agttgaccgt cctt 324

<210> 121
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain K02

<400> 121
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tgtgcttcca gcactggagc agtcaccagt cgttactttc caaactggtt ccagcagaaa 120
cctggacaag cacccaggcc actgatttat agtgcaagca acaaacactc ctggacccct 180
gcccggttct caggctccct ccttgggggc aaagctgccc tgacactgtc aggtgtgcag 240
cctgaggacg aggctgagta ttactgcctg ctctactata gtggtgcttg ggtgttcggc 300
ggagggacca agctgaccgt ccta 324

<210> 122
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain K03

<400> 122
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tgtgcttcca gcactggagc agtcaccagt cgttactttc caaactggtt ccagcagaaa 120
cctggccagg cacccagggc actgatttat ggttcaaaca acaaacactc ctggacccct 180
gcccggttct caggctccct ccttgggggc aaagctgccc tgacactgtc aggtgtgcag 240
cctgaggacg aggcggagta ttactgcctg ctcttctatg ctggtgcttg ggcgttcggc 300
ggatggacca agctgaccgt ccta 324

<210> 123
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain L01

<400> 123
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tgttctggag gcagctccaa catcgcaagt aatactgtaa actggtacca gcaactccca 120
ggaacggccc ccaaactcct catctatagt aataatcagc ggccctcagg ggtccctgac 180
cgattctctg gctccaagtc tggcacctca gccaccctgg tcatcaccgg gctccagact 240
ggggacgagg ccgattatta ctgcggaaca tgggatcaca gccggagtgg tgcggtgttc 300
ggcggaggga ccaaactgac cgtctta 327

<210> 124
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain L03

<400> 124
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tgttctggca gtagctccaa catcggaaat aatcatgtaa gctggtacca gcaactccca 120
ggaatggccc ccaaactcct catctattct aatggtcagc ggccctcagg ggtccctgac 180
cgattctctg gctccaagtc tggcacctca gcctccctgg ccatcagcgg cctccagtct 240
gaggatgagg ctgattatta ttgtgcagca tggcatgaca gcctctatgg tccggtgttc 300
ggcggaggga ccaagctgac cgtcctc 327

<210> 125
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain L04

<400> 125
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tgttctggaa gcagctccaa catcggaagt aatactgtaa actggtacca gcagctccca 120
ggaacagccc ccaaactcct catctctact aataatcagg ggccctcagg agtccctgac 180
cgattctctg gctccaagtc tggcacctca tcctccctgg ccatcagtgg gctccggtca 240
gaggctgagg atgattatta ctgtgcagca tgggatgaca ccctgaatgg tgtggtattc 300
ggcggaggga ccaaactgac cgtccta 327

<210> 126
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain L05

<400> 126
gccgagctca ctcagccacc ctcagcgtct gggactcccg ggctgagggt caccatctct 60
tgttctggaa gcagctccaa catcggaagt aatattgtaa actggtacca gcagctccca 120
ggaacggccc ccaaactcct catctttagt aataataagc ggccctcagg ggtccctgac 180
cgattctctg gctccaagtc tggcacctca gcctccctgg ccatcagtgg gctccagtct 240
gaggatgagg ctgattatta ctgtgctaca tgggatgaca gcctgaatgg tcgggtgttc 300
ggcggaggga ccaagctgac cgtccta 327

<210> 127
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain M01

<400> 127
gccgagctca ctcagccacc ctcagcgtct gggacccccg ggcagcgggt caccatctct 60
tgttctggga gcaacttcaa catcggaagt aattatgtat tctggtacca gcatgttcca 120
ggaacggccc caaaactcct catctataat aataatcaac gcccctctgg ggtccctgac 180
cgactctctg gctccaagtc tggcgcctca gcctccctgg ccatcaatgg gctccggtcc 240
gatgatgagg ctgattatta ctgtacagga tgggatgacc gcctgagtgg cctgatttтc 300
ggcggagggc caaaagtgac cgtccta 327

<210> 128
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain M02

<400> 128
gccgagctca cgcagccgcc ctcagcgtct gggacccccg ggcagagggt caccatctct 60
tgttctggaa gcagctccaa catcggaagt aattatgtat attggtacca gcagctccca 120
ggaacggccc ccaaactcct catctatagg aataatcagc ggccctcagg ggtccctgac 180
cgattctctg gctccaagtc tggcacctca gcctccctgg ccatcagtgg gctccggtcc 240
gaggatgagg ctgattatta ctgtgcagca tgggatgaca gcctgagtgg ttgggtgttc 300
ggcggaggga ccaagctgac cgtccta 327

<210> 129
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain M03

<400> 129
gccgagctca ctcagccacc ctcagcgtct gggacccccg ggcagagggt caccatctct 60
tgttctggaa gcagctccaa catcggaagt aattatgtat actggtacca gcagctccca 120
ggaacggccc ccaaactcct catctatagg aataatcagc ggccctcagg ggtccctgac 180
cgattctctg gctccaagtc tggcacctca gcctccctgg ccatcagtgg gctccggtcc 240
gaggctgagg ctgattatta ctgtgcggca tgggatgaca gcctgagtgc cgtggtattc 300
ggcggaggga ccaaactgac cgtccta 327

<210> 130
<211> 327
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain N01

<400> 130
gccgagctca cgcagccgcc ctcagtgtct gcggccccag gacagaaggt caccatctcc 60
tgctctggaa gcagctccaa cattgacagt aactatgtat cctggtacca gcagctccca 120
ggaacagccc ccaaactcct catttttgac aattataggc gaccctcagg gattcctgac 180
cgattctcag gctccaagtc tggcacgtca gccaccctgg gcatcaccgg actccagact 240
ggggacgagg ccgattatta ctgtgcaaca tgggatgaca gcctgaatgg tcgggtgttc 300
ggcggaggga ccaagctgac cgtccta 327

<210> 131
<211> 342
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain N02

<400> 131
gccgagctca cgcagccgcc ctcagtgtct gcggccccag gacagaaggt caccatctcc 60
tgctctggaa gcagctccaa cattgggaat aattatgtgt cctggtacca gcaactccca 120
ggaacagccc ccaaactcct catttatgac aataataagc gaccctcagg gattcctgac 180
cgattctctg gctccaagtc tggcacgtca gccaccctgg gcatcaccgg actccagact 240
ggggacgagg ccgattatta ctgcggaaca tgggatagca gcctgagtgc tggccgcgtt 300
cggcggatgt tcggcggagg gaccaagttg accgtcctgg gt 342

<210> 132
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain O01

<400> 132
gccgagctca cgcagccgcc ctcagtgtct ggggccccag ggcagagggt caccatctcc 60
tgcactggga gcagctccaa catcggggca ccttatggtg tacactggta ccagcagttt 120
ccaggaacag cccccaaact cgtcatctac aatgacaaca atcggccctc aggggtccct 180
gaccgattct ctggctccaa gtctggcacc tcagcctccc tggccatcac tgggctccag 240
gctgaggatg aggctgatta ttactgccag tcctatgaca gcagcctgag tggaagggtg 300
ttcggcggag ggaccaagct gaccgtccta 330

<210> 133
<211> 336
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain O02

<400> 133
gccgagctca cgcagccgcc ctcagtgtct ggggccccag ggcagacggt caccatctcc 60
tgcactggga gcagctccag catcggggca cgttatgatg tacactggta ccaacacctt 120
ccaggaacag cccccaaact cctcatctat ggtaaccaca atcggccctc aggggtccct 180
gaccgattct ctggctccaa gtctggcacc tcagcctccc tggccatcac tgggctccag 240
gctgaggatg aggctgaata ttattgccag tcctatgaca acagcctgag tggttcgtct 300
gtctttttcg gcggagggac caagctgacc gtccta 336

<210> 134
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain O03

<400> 134
gccgagctca cgcagccgcc ctctggggcc ccaggccaga cggtcaccat ctcctgcact 60
gggagcagct ccaacatcgg ggcaggttat gatgtacact ggtaccagca gcttccagga 120
acagccccca aactcctcat ctatggtaac agcaatcggc cctcaggggt ccctgaccga 180
ttctctggct ccaagtctgg cacctcagcc tccctggcca tcactgggct ccaggctgag 240
gatgaggctg attattactg ccagtcctat gacagcagcc tgagtggtcc ctatgtggta 300
ttcggcggag ggaccaagct gaccgtccta 330

<210> 135
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain P01

<400> 135
gccgagctca ctcagccacc ctcggtgtca gtggccccaa gacagacggc caggattacc 60
tgtgggggag acaaaatcgg aagtaacact gtgcattggt accggcagat gtcaggccag 120
gcccctgttc tggtcatcta tgaagacaaa aaacgacccc ccgggatccc tgagagattc 180
tctggttcca cctcagggac aacggccacc ttgagtatca gtggggccca ggttgaggat 240
gaagctgact actactgtta ttcaagagac aacagtggtg atcagagaag ggtgttcggc 300
gcagggacca agctgaccgt ccta 324

<210> 136
<211> 330
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain Q01

<400> 136
gccgagctca ctcagccacc ctccgccact gcctccctgg gaggctcggt caaactcacc 60
tgcattctgc agagtggcca cagaaattac gccgtcgctt ggcatcacca agaagcaggg 120
aagggcccgc gatttttgat gacggttacc aatgatggca ggcacatcaa gggggacggg 180
atccctgatc gcttctcagg ctccgcctct ggggctgaac gctacctctc catctccggc 240
ctccagtctg aggatgaggg tgactactac tgtcagacct ggggcactgg catgcatgtg 300
ttcggcggag ggaccaaact gaccgtccta 330

<210> 137
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain R01

<400> 137
gccgagctca ctcagcctcc ctccgcgtcc gggtctcctg gacagtcagt caccatctcc 60
tgcactggag ccagcagtga cgttggtgct tataagcacg tctcctggta ccaacaacac 120
ccaggcaaag cccccaaact cctgactcat gagggcacta agcggccctc aggggtccct 180
gatcgcttct ctggctccaa gtctggcaac acggcctccc tgaccgtctc tgggctccag 240
gctgaggatg aggctgatta ttactgcagc tcatttgcag gtaattccgt gatattcggc 300
ggagggacca agctgaccgt ccta 324

<210> 138
<211> 312
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) chain S01

<400> 138
gccgagctca ctcagcctcc ctccgtgtct gggtctcctg gacagtcgat caccatctcc 60
tgcagtgatg ttgggaatta taaccttgtc tcctggtacc aacagtaccc aggcaaggcc 120
cccaaactca taatttatga gggcagtaag cggccctcag gggtttctag tcgcttctct 180
ggctccaggt ctggcaacac ggcctccctg acaatctctg ggctccaggc tgaggacgag 240
gctgattatc actgctgctc atatgcaatt agtagcagga ttttcggcgg agggaccaag 300
ctgaccgtcc ta 312

<210> 139
<211> 127
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH10

<400> 139
Glu Val Gln Leu Leu Glu Glu Ser Gly Gly Gly Val Val Gln Pro Gly
1 5 10 15

Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg
20 25 30

Asn Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp

35 40 45

Val Ala Phe Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser
50 55 60

Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu
65 70 75 80

Tyr Leu Gln Met Asn Ser Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr
85 90 95

Cys Ala Arg Glu Glu Ala Leu Phe Arg Gly Leu Thr Arg Trp Ser Tyr
100 105 110

Gly Met Asp Val Trp Gly Gln Gly Thr Thr Val Ser Val Ser Ser
115 120 125

<210> 140
<211> 125
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH16

<400> 140
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Arg Gly Leu Glu Trp Val
35 40 45

Ala Leu Ile Trp Tyr Asp Gly Gly Asn Lys Glu Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Ser Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Val Asn Ser Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Gln Arg Ala Ala Ala Gly Ile Phe Tyr Tyr Ser Arg Met
100 105 110

Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 141
<211> 117
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH17

<400> 141
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Gly Ala Ser Gly Ile Pro Phe Val Ser Ser
20 25 30

Trp Met Ala Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Asn Ile Lys Gln Asp Gly Ser Lys Lys Asn Tyr Val Asp Ser Val
50 55 60

Glu Gly Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asp Ser Leu Arg Ala Glu Asp Thr Arg Ile Tyr Tyr Cys
85 90 95

Ala Arg Asp Ser Leu Thr Cys Phe Asp Tyr Trp Gly Gln Gly Ala Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 142
<211> 128
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH18

<400> 142
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg

1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Arg Ser Tyr
20 25 30

Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Ala Thr Ala Tyr Asp Gly Lys Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Met Asn Thr Leu Phe
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Phe Tyr Cys
85 90 95

Ala Arg Gly Gly Phe Tyr Tyr Asp Ser Ser Gly Tyr Tyr Gly Leu Arg
100 105 110

His Tyr Phe Asp Ser Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 143
<211> 129
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH20

<400> 143
Glu Val Gln Leu Leu Glu Glu Ser Gly Gly Gly Val Val Gln Pro Gly
1 5 10 15

Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Arg Ser
20 25 30

Tyr Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Val Ala Val Ile Ser Tyr Asp Gly Ser Thr Ile Tyr Tyr Ala Asp Ser
50 55 60

```
Val Lys Gly Arg Phe Thr Ile Ser Arg Ala Asn Ser Lys Asn Thr Leu
 65                  70                  75                  80

Phe Leu Gln Met Asn Ser Leu Arg Thr Glu Asp Thr Ala Val Tyr Tyr
                 85                  90                  95

Cys Thr Arg Gly Gly Phe Tyr Tyr Asp Ser Ser Gly Tyr Tyr Gly Leu
            100                 105                 110

Arg His Tyr Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser
        115                 120                 125

Ser
```

<210> 144
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH24

<400> 144

```
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Ala Gln Pro Gly Arg
  1               5                  10                  15

Ser Leu Arg Leu Ser Cys Val Ala Ser Gly Phe Ser Leu Arg Ser Tyr
             20                  25                  30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
         35                  40                  45

Ala Asp Ile Trp Phe Asp Gly Ser Asn Lys Asp Tyr Ala Asp Ser Val
     50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                 85                  90                  95

Ala Arg Asp Trp Arg Val Arg Ala Phe Ser Ser Gly Trp Leu Ser Ala
            100                 105                 110

Phe Asp Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser
        115                 120                 125
```

<210> 145
<211> 127
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH25

<400> 145
Glu Val Gln Leu Leu Glu Glu Ser Gly Gly Gly Val Val Gln Pro Gly
1 5 10 15

Arg Ser Leu Arg Leu Ala Cys Ala Ala Ser Gly Phe Ser Phe Arg Ser
20 25 30

Tyr Gly Met His Trp Val Arg Gln Ala Pro Gly Arg Gly Leu Glu Trp
35 40 45

Val Ala Phe Thr Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Val Asp Ser
50 55 60

Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu
65 70 75 80

Tyr Leu Glu Met Asn Ser Leu Arg Val Asp Asp Thr Ala Val Tyr Tyr
85 90 95

Cys Ala Arg Glu Ala Pro Met Leu Arg Gly Ile Ser Arg Tyr Tyr Tyr
100 105 110

Ala Met Asp Val Trp Gly Pro Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 146
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH28, SH50, and SH53

<400> 146
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Gly Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Asn Ser Tyr
20 25 30

Ala Met Tyr Trp Val Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Ala Ile Trp Tyr Asp Gly Ser Asn Lys Glu Tyr Ala Asp Phe Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Ser
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Ala Asn Leu Leu Arg Gly Trp Ser Arg Tyr Tyr Tyr Gly
100 105 110

Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 147
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH32

<400> 147
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Lys Phe Thr Leu Tyr Asn Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Phe Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Glu Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Val Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

```
Ala Arg Glu Leu Ser Lys Lys Val Ala Leu Ser Arg Tyr Tyr Tyr Tyr
            100                 105                 110

Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
        115                 120                 125
```

<210> 148
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH37

<400> 148

```
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
  1               5                  10                  15

Ser Leu Arg Leu Ser Cys Glu Ala Ser Lys Phe Thr Leu Tyr Asn Tyr
             20                  25                  30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
         35                  40                  45

Ala Phe Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Glu Asp Ser Val
     50                  55                  60

Lys Gly Arg Phe Thr Val Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                 85                  90                  95

Ala Arg Glu Leu Ser Lys Lys Val Ala Leu Ser Arg Tyr Tyr Tyr Tyr
            100                 105                 110

Met Asp Val Trp Gly Gln Gly Thr Thr Val Thr Val Ser Ser
        115                 120                 125
```

<210> 149
<211> 126
<212> PRT
<213> Homo sapiens

<220>

<223> anti-Rh(D) antibody clone SH39

<400> 149

```
Glu Val Gln Leu Leu Glu Gln Ser Gly Gly Gly Val Val Gln Pro Gly
  1               5                  10                  15

Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser
             20                  25                  30

Tyr Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
         35                  40                  45

Val Ala Val Ile Trp Phe Asp Gly Ser Asn Lys Glu Tyr Ala Asp Ser
     50                  55                  60

Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu
 65                  70                  75                  80

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
                 85                  90                  95

Cys Ala Arg Glu Glu Val Val Arg Gly Val Ile Leu Trp Ser Arg Lys
            100                 105                 110

Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
        115                 120                 125
```

<210> 150
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH44

<400> 150

```
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Ala Gln Pro Gly Arg
  1               5                  10                  15

Ser Leu Arg Leu Ser Cys Val Ala Ser Gly Phe Ser Leu Arg Ser Tyr
             20                  25                  30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
         35                  40                  45

Ala Asp Ile Trp Phe Asp Gly Ser Asn Lys Asp Tyr Ala Asp Ser Val
     50                  55                  60
```

```
Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
                 85                  90                  95

Ala Arg Asp Trp Arg Val Arg Ala Phe Ser Ser Gly Trp Leu Ser Ala
            100                 105                 110

Phe Asp Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser
        115                 120                 125
```

<210> 151
<211> 125
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH47

<400> 151

```
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
  1               5                  10                  15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Ser Asn Tyr
             20                  25                  30

Ala Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
         35                  40                  45

Ala Val Thr Ser Phe Asp Gly Ser Ile Lys Asp Tyr Ala Asp Ser Val
     50                  55                  60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
 65                  70                  75                  80

Leu Gln Met Asn Ser Leu Arg Asp Glu Asp Thr Ala Val Tyr Tyr Cys
                 85                  90                  95

Ala Arg Glu Arg Gly Met Ile Val Val Val Arg Arg Arg Asn Ala Phe
            100                 105                 110

Asp Ile Trp Gly Gln Gly Thr Met Val Thr Val Ser Ser
        115                 120                 125
```

<210> 152
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH54

<400> 152
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Arg Asn
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Phe Ile Trp Phe Asp Gly Ser Asn Lys Tyr Tyr Ala Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Asp Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Glu Ala Leu Phe Arg Gly Leu Thr Arg Trp Ser Tyr Gly
100 105 110

Met Asp Val Trp Gly Gln Gly Thr Thr Val Ser Val Ser Ser
115 120 125

<210> 153
<211> 126
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH56

<400> 153
Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Val Val Gln Pro Gly Arg
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30

Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Val Val Tyr Tyr Asp Gly Ser Asn Lys His Tyr Ser Asp Ser Val
50 55 60

Lys Gly Arg Phe Thr Ile Phe Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asp Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Glu Arg Asn Phe Arg Ser Gly Tyr Ser Arg Tyr Tyr Tyr Gly
100 105 110

Met Asp Val Trp Gly Pro Gly Thr Thr Val Thr Val Ser Ser
115 120 125

<210> 154
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH8

<400> 154
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ala Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Asn Gln Thr Ile Arg Thr Ser Leu
20 25 30

Asn Trp Tyr Gln Gln Arg Pro Gly Lys Ala Pro Asn Leu Leu Ile Tyr
35 40 45

Gly Ala Ser Arg Leu His Ser Gly Val Pro Ser Arg Phe Ser Gly Gly
50 55 60

Ile Ser Gly Ala Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Thr Tyr Gly Tyr Ser Arg Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Asp Ile Lys Arg

100 105

<210> 155
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH12

<400> 155
Ala Glu Leu Thr Gln Ser Pro Phe Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser His Asn Ile Tyr Arg Ser Leu
20 25 30

Asn Trp Phe Gln His Lys Pro Gly Glu Ala Pro Lys Leu Leu Val Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Arg Gly Val Pro Thr Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Ser Ala Thr Tyr Phe Cys Gln Gln Ser Val Thr Phe Pro Tyr Thr
85 90 95

Phe Gly Gln Gly Thr Lys Leu Glu Ile Arg Arg
100 105

<210> 156
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH13

<400> 156
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Arg Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Tyr Thr
85 90 95

Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
100 105

<210> 157
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH14

<400> 157
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asn Ile Arg Arg Ser Leu
20 25 30

Asn Trp Tyr Gln His Lys Pro Gly Arg Ala Pro Arg Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Arg Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu Gln Pro Ala
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Ser Asn Thr Pro Trp Thr
85 90 95

Phe Gly His Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 158
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH16

<400> 158
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Pro Thr
85 90 95

Phe Gly Gly Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 159
<211> 106
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH18

<400> 159
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ile Ala Leu
20 25 30

Asn Trp Tyr Gln Gln Arg Pro Gly Lys Ala Pro Lys Leu Leu Met Tyr
35 40 45

Ala Thr Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Tyr Tyr Asn Lys Pro Thr Phe
85 90 95

Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
100 105

<210> 160
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH20

<400> 160
Ala Glu Leu Thr Gln Ser Pro Phe Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Arg Ser Leu
20 25 30

Asn Trp Tyr Gln His Lys Pro Gly Glu Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Arg Gly Val Pro Pro Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Phe Cys Gln Gln Ser Val Arg Ile Pro Tyr Ser
85 90 95

Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
100 105

<210> 161
<211> 108
<212> PRT

<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH21

<400> 161
Ala Glu Leu Thr Gln Ser Pro Ser Phe Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Ser Tyr Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ala Ser Leu Gln Pro Asp
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Leu Asn Asn Tyr Pro Pro Phe
85 90 95

Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
100 105

<210> 162
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH24

<400> 162
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Thr Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Arg Pro Gly Lys Ala Pro Asn Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Thr Leu Gln Arg Gly Val Pro Ser Arg Phe Thr Gly Ser
50 55 60

```
Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
 65                  70                  75                  80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Thr Thr Leu Trp Thr
                 85                  90                  95

Phe Gly Gln Gly Thr Lys Met Glu Ile Arg Arg
            100                 105
```

<210> 163
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH26

<400> 163

```
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
  1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
             20                  25                  30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
         35                  40                  45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
     50                  55                  60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
 65                  70                  75                  80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Phe Arg Arg Tyr
                 85                  90                  95

Ser Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
            100                 105
```

<210> 164
<211> 107
<212> PRT
<213> Homo sapiens

<220>

<223> anti-Rh(D) antibody clone SH28

<400> 164

```
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
  1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Asp Gln Asn Ile Arg Arg Ser Leu
             20                  25                  30

Asn Trp Phe Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
         35                  40                  45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
     50                  55                  60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
 65                  70                  75                  80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Ser Ser Thr Pro Trp Thr
                 85                  90                  95

Phe Gly Arg Gly Thr Lys Val Glu Ile Lys Arg
             100                 105
```

<210> 165
<211> 106
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH30

<400> 165

```
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
  1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Arg Arg Ser Leu
             20                  25                  30

Asn Trp Tyr Gln Gln Ser Pro Gly Lys Thr Pro Lys Leu Leu Ile Tyr
         35                  40                  45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
     50                  55                  60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
 65                  70                  75                  80
```

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Leu Thr Phe
85 90 95

Gly Gly Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 166
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH32

<400> 166
Ala Glu Leu Thr Gln Glu Pro Ser Leu Thr Val Ser Pro Gly Gly Thr
1 5 10 15

Val Thr Leu Thr Cys Ala Ser Ser Thr Gly Ala Val Thr Ser Arg Tyr
20 25 30

Phe Pro Asn Trp Phe Gln Gln Lys Pro Gly Gln Ala Pro Arg Ala Leu
35 40 45

Ile Tyr Gly Ser Asn Asn Lys His Ser Trp Thr Pro Ala Arg Phe Ser
50 55 60

Gly Ser Leu Leu Gly Gly Lys Ala Ala Leu Thr Leu Ser Gly Val Gln
65 70 75 80

Pro Glu Asp Glu Ala Glu Tyr Tyr Cys Leu Leu Phe Tyr Ala Gly Ala
85 90 95

Trp Ala Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 167
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH34

<400> 167

```
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
 1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
            20                  25                  30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
        35                  40                  45

Ala Ala Ser Gly Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
    50                  55                  60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65                  70                  75                  80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Pro Tyr
                85                  90                  95

Thr Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
            100                 105
```

<210> 168
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH36

<400> 168

```
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
 1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
            20                  25                  30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ser Pro Lys Leu Leu Ile Tyr
        35                  40                  45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
    50                  55                  60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65                  70                  75                  80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Pro Ala
                85                  90                  95
```

Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
100 105

<210> 169
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH39

<400> 169
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Thr Ile Gly Arg Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Arg Pro Gly Lys Ala Pro Lys Leu Leu Val Tyr
35 40 45

Ala Val Ser Ser Leu Gln Ser Gly Ala Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr His Phe Thr Leu Thr Ile Thr Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Phe Cys Gln Gln Ser Tyr Ser Ser Pro Phe Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 170
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH41

<400> 170
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Asn Ile Arg Arg Ser Leu
20 25 30

Asn Trp Tyr Gln His Lys Pro Gly Arg Ala Pro Arg Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Arg Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu Gln Pro Ala
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Ser Asn Thr Pro Trp Thr
85 90 95

Phe Gly His Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 171
<211> 106
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH44

<400> 171
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Ile Ile Thr Cys Arg Ala Ser Gln Thr Ile Pro Arg Phe Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Val Leu Leu Ile His
35 40 45

Ser Ile Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Ala Ser
50 55 60

Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Asn Leu Ser Phe
85 90 95

Gly Pro Gly Thr Thr Val Asp Ile Arg Arg
100 105

<210> 172
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH46

<400> 172
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Tyr Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Asn Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Thr Tyr Ser Ser Pro Ser Thr
85 90 95

Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
100 105

<210> 173
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH47

<400> 173
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Asn Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Asn Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Tyr Pro Arg Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Arg Arg
100 105

<210> 174
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH48

<400> 174
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Tyr Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Asn Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Thr Tyr Ser Ser Pro Ser Thr
85 90 95

Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
100 105

<210> 175

<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH49

<400> 175
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Val Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Trp Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 176
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH50

<400> 176
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Val Thr Cys Arg Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

```
Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
     50                  55                  60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
 65                  70                  75                  80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Trp Thr
                 85                  90                  95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
            100                 105
```

<210> 177
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH51

<400> 177

```
Ala Glu Leu Thr Gln Ser Pro Ser Phe Leu Ser Ala Ser Val Gly Asp
  1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Gly Ile Arg Ser Tyr Leu
             20                  25                  30

Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
         35                  40                  45

Ala Ala Ser Thr Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
     50                  55                  60

Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
 65                  70                  75                  80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Leu Asn Asn Tyr Pro Pro Phe
                 85                  90                  95

Thr Phe Gly Pro Gly Thr Lys Val Asp Ile Lys Arg
            100                 105
```

<210> 178
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH52

<400> 178
Ala Glu Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly Glu
1 5 10 15

Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Ile Ser Ser Ser Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu Ile
35 40 45

Tyr Gly Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu Pro
65 70 75 80

Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Gly Ser Ser Pro Trp
85 90 95

Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 179
<211> 107
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH54

<400> 179
Ala Glu Leu Thr Gln Ser Pro Ser Ser Met Ser Ala Ser Val Gly Asp
1 5 10 15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Gly Thr Tyr Leu
20 25 30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro Glu
65 70 75 80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Ser Tyr Ser Thr Pro Trp Thr
85 90 95

Phe Gly Gln Gly Thr Lys Val Glu Ile Lys Arg
100 105

<210> 180
<211> 109
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH55

<400> 180
Ala Glu Leu Thr Gln Pro Pro Ser Ala Ser Gly Thr Pro Gly Gln Arg
1 5 10 15

Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Ser Lys Tyr
20 25 30

Val Tyr Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Ser Asn Asn Gln Arg Pro Ser Gly Val Pro Asp Arg Phe Ser Ala
50 55 60

Phe Lys Ser Gly Thr Ser Ala Ser Leu Ala Ile Thr Gly Leu Gln Ala
65 70 75 80

Glu Asp Glu Ala Asn Tyr Tyr Cys Gln Ser Tyr Asp Ser Gly Leu Ser
85 90 95

Gly Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 181
<211> 108
<212> PRT
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH56

<400> 181

```
Ala Glu Leu Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly Asp
  1               5                  10                  15

Arg Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Ser Arg Tyr Leu
             20                  25                  30

Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile Tyr
         35                  40                  45

Ala Ala Ser Ser Leu Gln Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
     50                  55                  60

Gly Ser Gly Thr Asp Phe Ala Leu Thr Ile Ser Ser Leu Leu Pro Glu
 65                  70                  75                  80

Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ser Thr Pro Pro Tyr
                 85                  90                  95

Ser Phe Gly Gln Gly Thr Lys Leu Glu Ile Lys Arg
            100                 105
```

<210> 182
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH10

<400> 182

```
gaggtgcagc tgctcgagga gtctgggggа ggcgtggtcc agcctgggag gtccctgaga 60
ctctcctgtg cagcgtctgg gttcaccttc agtaggaatg gcatgcactg ggtccgccag 120
gctcctggca aggggctgga gtgggtggca tttatatggt ttgatggaag taataaatac 180
tatgcagact ccgtgaaggg ccgattcacc atctccagag acaattccaa gaacacgctg 240
tatctgcaaa tgaacagcct gagagccgac gacacggctg tgtattactg tgcgagagag 300
gaggctctgt ttcggggact tactcggtgg tcctacggca tggacgtctg gggccaaggg 360
accacggtca gcgtctcctc a                                           381
```

<210> 183
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH16

<400> 183
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cgtctgggtt caccttcagt agctatggca tgcactgggt ccgccaggct 120
ccaggcaggg ggctggagtg ggtggctctt atatggtacg atggaggtaa caaagagtat 180
gcagactccg tgaagggccg cttcagcatc tccagagaca actccaagaa cactctgtat 240
ctgcaagtga acagcctgag agccgacgac acggctgtct attactgtgc gagagaccag 300
agagcagcag cgggtatctt ttattattcc cgtatggacg tctggggcca agggaccacg 360
gtcaccgtct cctca 375

<210> 184
<211> 351
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH17

<220>
<223> anti-Rh(D) antibody clone SH17

<400> 184
gaggtgcagc tgctcgagtc tgggggaggc ttggtccagc cgggggggtc cctgagactc 60
tcctgtggtg cctctggaat ccccttttgtt tcctcttgga tggcctgggt ccgccaggcc 120
ccagggaagg ggctggagtg ggtggccaac ataaaacaag atggaagtaa gaaaaactat 180
gtggactctg tggagggccg attcaccatc tccagagaca acgcgaagaa ctcactttat 240
ctgcaaatgg acagcctgag agccgaggac acgcggatat attactgtgc gcgagattca 300
cttacttgtt ttgactactg gggccaggga gccctggtca ccgtctcctc a 351

<210> 185
<211> 384
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH18

<400> 185
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cctctggatt caccttcagg agctatgcta tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagct acagcatatg atggaaaaaa taaatactac 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccatgaa cacgctgttt 240
ctgcaaatga acagcctgag agctgaggac acggctgtgt tttactgtgc gagaggcgga 300
ttttactatg atagtagtgg ttattacggc ttgaggcact actttgactc ctggggccag 360
ggaaccctgg tcaccgtctc ctca 384

<210> 186
<211> 387

<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH20

<400> 186
gaggtgcagc tgctcgagga gtctgggggа ggcgtggtcc agcctgggag gtccctgaga 60
ctctcctgtg cagcctctgg attcaccttc agaagttatg ctatgcactg ggtccgccag 120
gctccaggca aggggctgga gtgggtggcg gttatatcat atgatggaag tactatatac 180
tacgcagact ccgtgaaggg ccgattcacc atctccagag ccaattccaa gaacacgctg 240
tttctgcaaa tgaacagcct cagaactgag gacacggctg tatattactg tacgagaggg 300
gggttttact atgacagtag tggttattac gggttgaggc actactttga ctactggggc 360
cagggaaccc tggtcaccgt ctcttca 387

<210> 187
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH24

<400> 187
gaggtgcagc tgctcgagtc ggggggaggc gtggcccagc ctgggaggtc cctgagactc 60
tcctgtgtag cgtctggatt cagcctcagg agctatggca tgcactgggt ccgccaggct 120
cctggcaagg ggctggagtg ggtggcagat atatggtttg atggaagtaa taaagattat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgttgtat 240
cttcaaatga acagcctgag agccgaggac acggctgtgt attattgtgc gagagattgg 300
agggtgcggg cctttagtag tggctggtta agtgcttttg atatctgggg ccaagggaca 360
atggtcaccg tctcttca 378

<210> 188
<211> 381
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH25

<400> 188
gaggtgcagc tgctcgagga gtctgggggа ggcgtggtcc agcctgggag gtccctgaga 60
ctcgcctgtg cagcgtctgg attcagcttc aggagctatg gcatgcactg ggtccgccag 120
gctccaggca gggggctgga gtgggtggca tttacatggt ttgatggaag caataaatat 180
tatgtagact ccgtgaaggg ccgattcacc atctccagag acaattccaa gaacacgctg 240
tatctggaaa tgaacagcct gagagtcgat gacacggctg tatattactg tgcgagagag 300
gcgcctatgc ttcgcggaat tagcagatac tactacgcga tggacgtctg gggcccaggg 360
accacggtca ccgtctcctc a 381

<210> 189
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH28, SH50, and SH53

<400> 189
gaggtgcagc tgctcgagtc tgggggaggc ggggtccagc ctgggaggtc cctgcgactc 60
tcctgtgcgg cgtctggatt caccttcaat agttatgcca tgtactgggt ccgccagcct 120
ccaggcaagg ggctggagtg ggtggcagct atatggtatg atggaagtaa taaagaatat 180
gcagattttg tgaagggccg cttcaccatc tccagagaca attccaagaa cacgctgtct 240
ctgcaaatga acagcctgag agacgaggac acggctgtgt attactgtgc gagagaggcg 300
aatctcctcc gtggctggtc tcgatactac tacggtatgg acgtctgggg ccaagggacc 360
acggtcaccg tctcctca 378

<210> 190
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH32

<400> 190
gaggtgcagc tgctcgagtc gggggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgaag cgtctaaatt caccctctac aattatggca tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcattt atatggtttg atggaagtaa taaatactat 180
gaagactccg tgaagggccg attcaccgtc tccagagaca attccaagaa cacgctgtat 240
ctgcaaatga acagcctgag agccgaggac acggctgtgt attactgtgc gagagaacta 300
tctaagaagg tggcactttc taggtattac tactatatgg acgtctgggg ccaggggacc 360
acggtcactg tctcgtca 378

<210> 191
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH37

<400> 191
gaggtgcagc tgctcgagga gtctgggggga ggcgtggtcc agcctgggag gtccctgaga 60
ctctcctgtg cagtgtctgg attcacccta actaattatg gcatgcactg ggtccgccag 120
gctccaggca aggggctgga gtgggtggca catgtctggt atgatggaag taaaacagaa 180
tacgcagact ccgtcaaggg ccgattcgcc gtctccagag acaaatccaa gaacacactg 240

tttctgcaaa tgaacagcct gacagccgag gacacggcta tttattactg tgcgagagag 300
aggagagaga aagtctatat attgttctac tcgtggctcg accgctgggg ccagggaacc 360
ctggtcaccg tctcctca 378

<210> 192
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH39

<400> 192
gaggtgcagc tgctcgagca gtctgggggа ggcgtggtcc agcctgggag gtccctgaga 60
ctctcctgtg cagcgtctgg attcaccttc agtagctatg gcatgcactg ggtccgccag 120
gctccaggca agggactgga gtgggtggca gttatatggt ttgatggaag taataaggaa 180
tatgcagact ccgtgaaggg ccgattcacc atctccagag acaattccaa gaacacgctg 240
tatctacaaa tgaacagcct gagagccgag gacacggctg tgtattactg tgcgagagaa 300
gaagtggttc ggggagttat cttatggtct cggaagtttg actactgggg ccagggaacc 360
ctggtcaccg tctcctca 378

<210> 193
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH44

<400> 193
gaggtgcagc tgctcgagtc ggggggaggc gtggcccagc ctgggaggtc cctgagactc 60
tcctgtgtag cgtctggatt cagcctcagg agctatggca tgcactgggt ccgccaggct 120
cctggcaagg ggctggagtg ggtggcagat atatggtttg atggaagtaa taaagattat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgttgtat 240
cttcaaatga acagcctgag agccgaggat acggctgtgt attattgtgc gagagattgg 300
agggtgcggg cctttagtag tggctggtta agtgcttttg atatctgggg ccaagggaca 360
atggtcaccg tctcttca 378

<210> 194
<211> 375
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH47

<400> 194
gaggtgcagc tgctcgagtc tgggggaggc gtggtccagc ctgggaggtc cctgcgactc 60

tcttgtgcag cctctggatt cagcttcagt aactatgcta tgcactgggt ccgccaggct 120
ccaggcaagg ggctggagtg ggtggcagtt acatcatttg atggaagcat taaagactac 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacactatat 240
ctgcaaatga acagcctgag agatgaggac acggctgtat attactgtgc gagagagcgg 300
gggatgatag tcgtggtccg tcgcagaaat gcttttgata tttggggcca agggacaatg 360
gtcaccgtct cttca 375

<210> 195
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH54

<400> 195
gaggtgcagc tgctcgagtc ggggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cgtctgggtt caccttcagt aggaatggca tgcactgggt ccgccaggct 120
cctggcaagg ggctggagtg ggtggcattt atatggtttg atggaagtaa taaatactat 180
gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgctgtat 240
ctgcaaatga acagcctgag agccgacgac acggctgtgt attactgtgc gagagaggag 300
gctctgtttc ggggacttac tcggtggtcc tacggtatgg acgtctgggg ccaagggacc 360
acggtcagcg tctcctca 378

<210> 196
<211> 378
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH56

<400> 196
gaggtgcagc tgctcgagtc ggggggaggc gtggtccagc ctgggaggtc cctgagactc 60
tcctgtgcag cgtctggatt caccttcagt agctatggca tgcactgggt ccggcaggct 120
ccaggcaagg ggctggagtg ggtggcagtt gtctactatg atggaagtaa caaacactat 180
tcagactccg tgaagggccg attcaccatc ttcagagaca actccaagaa cacgctgtat 240
ctacaaatgg acagcctgag agccgaggac acggctgtgt attactgtgc gagagaaaga 300
aattttcgga gtggttattc ccgctactac tacggtatgg acgtctgggg cccagggacc 360
acggtcaccg tctcctca 378

<210> 197
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH8

<400> 197
gccgagctca cccagtctcc atcctccctg gctgcgtctg tcggagacag agtcaccatc 60
acttgccggg caaatcagac catcagaacc tctttaaatt ggtatcaaca aagacctggg 120
aaagccccta acctcctgat ctatggtgca tccaggttgc atagtggggt cccatcaagg 180
tttagtggcg gtatttctgg ggcagacttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcagcagact tacggttatt ctcgaacgtt cggccaaggg 300
accaaggtgg atatcaaacg a 321

<210> 198
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH12

<400> 198
gccgagctca cccagtctcc attctccctg tctgcatctg taggagacag agtcaccata 60
acttgccggg caagtcacaa catttacagg tctttaaatt ggtttcagca taaaccaggg 120
gaagccccta agctcctggt ctatgctgca tccagtctgc agcgtggggt cccaaccagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct tcaacctgaa 240
gactctgcga cttacttctg tcaacagagt gtcacattcc cctacacttt tggccagggg 300
accaagctgg agatcagacg a 321

<210> 199
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH13

<400> 199
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc gaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc cctacacttt tggccagggg 300
accaagctgg agatcaaacg a 321

<210> 200
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH14

<400> 200
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagaa cattaggagg tctttaaatt ggtatcaaca caaaccaggg 120
agagccccta gactcctgat ctatgctgca tccactttgc aaagtggggt cccatcaagg 180
ttcaggggca gtggatctgg gacagatttc actctcacca tcaacagtct gcaacctgca 240
gattttgcaa cttactactg tcagcagagt tccaataccc cgtggacgtt cggccatggg 300
accaaggtgg aaatcaaacg a 321

<210> 201
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH16

<400> 201
gccgagctca cccagtctcc atcctccctg tctgcctctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcaaca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc ctccaacttt cggcggaggg 300
accaaggtgg agatcaaacg a 321

<210> 202
<211> 318
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH18

<400> 202
gccgagctca cccagtctcc atcctccctc tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag tattagcatc gctttaaatt ggtatcagca gagaccaggg 120
aaagccccta agctcctgat gtatgctaca tccactttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacaatat tacaataaac ctactttcgg ccctgggacc 300
aaggtggata tcaaacga 318

<210> 203
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH20

<400> 203
gccgagctca cccagtctcc attctccctg tctgcatctg tcggagacag agtcaccata 60
acttgccggg caagtcagag cattagcagg tctttaaatt ggtatcaaca taaaccaggg 120
gaagccccta agctcctgat ctatgctgca tccagtctgc agcgtggggt cccacccagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gactttgcga cttacttctg tcaacagagt gtcagaatcc cgtacagttt tggccagggg 300
accaagctgg agatcaaacg a 321

<210> 204
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH21

<400> 204
gccgagctca cccagtctcc atccttcctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg ccagtcaggg cattaggagt tatttagcct ggtatcagca aaaaccaggg 120
aaagccccta agctcctaat ctatgctgca tccactttgc aaagtggggt cccatcaagg 180
ttcagcggca gtggatctgg gacagaattc actctcacaa tcgccagcct gcagcctgat 240
gattttgcaa cttattactg tcaacagctt aataattacc ccccttttcac tttcggccct 300
gggaccaaag tggatatcaa acga 324

<210> 205
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH24

<400> 205
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcacc tatttaaatt ggtatcagca gagaccaggg 120
aaagccccta acctcctgat ctatgctgca tccactttgc aaaggggggt cccatcaagg 180
ttcactggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacactaccc tgtggacgtt cggccaaggg 300
accaagatgg aaatcagacg a 321

<210> 206
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH26

<400> 206
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtttcc gaaggtacag ttttggccag 300
gggaccaagc tggagatcaa acga 324

<210> 207
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH28

<400> 207
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg cagatcagaa cattaggagg tctttaaatt ggtttcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tccagtaccc cgtggacgtt cggccgaggg 300
accaaggtgg aaatcaaacg a 321

<210> 208
<211> 318
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH30

<400> 208
gccgagctca cccagtctcc atcctccctg tctgcatctg ttggagacag agtcaccatc 60
acttgccggg caagtcagag cattcggagg tctttaaatt ggtatcagca gagtccaggg 120
aaaaccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc tcactttcgg cggagggacc 300
aaggtggaga tcaaacga 318

<210> 209
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH32

<400> 209
gccgagctca ctcaggagcc ctcactgact gtgtccccag gagggacagt cactctcacc 60
tgtgcttcca gcactggagc agtcaccagt cgttactttc caaactggtt ccagcagaaa 120
cctggccagg cacccagggc actgatttat ggttcaaaca acaaacactc ctggacccct 180
gcccggttct caggctccct ccttgggggc aaagctgccc tgacactgtc aggtgtgcag 240
cctgaggacg aggcggagta ttactgcctg ctcttctatg ctggtgcttg ggcgttcggc 300
ggagggacca agctgaccgt ccta 324

<210> 210
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH34

<400> 210
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccggtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc ccccgtacac ttttggccag 300
gggaccaagc tggagatcaa acga 324

<210> 211
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH36

<400> 211
gccgagctca ctcagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaatccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc ctccggcttt cggccctggg 300
accaaagtgg atatcaaacg a 321

<210> 212
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH39

<400> 212
gccgagctca cccagtctcc atcctccctg tctgcatctg tgggagacag agtcaccatc 60
acttgccggg caagtcagac cattgggagg tatttaaatt ggtatcagca gaggccaggg 120
aaagccccca aactcctggt atatgctgtg tccagtttgc aaagtggggc cccatcaagg 180
ttcagtggca gtggctctgg gacacatttc actctcacca tcaccagtct gcaacctgaa 240
gattttgcaa cttacttctg ccaacagagt tacagttctc ctttcacttt tggccagggg 300
accaaggttg agatcaaacg a 321

<210> 213
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH41

<400> 213
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagaa cattaggagg tctttaaatt ggtatcaaca caaaccaggg 120
agagccccta gactcctgat ctatgctgca tccactttgc aaagtggggt cccatcaagg 180
ttcaggggca gtggatctgg gacagatttc actctcacca tcaacagtct gcaacctgca 240
gattttgcaa cttactactg tcagcagagt tccaataccc cgtggacgtt cggccatggg 300
accaaggtgg aaatcaaacg a 321

<210> 214
<211> 318
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH44

<400> 214
gccgagctca cccagtctcc atcgtccctg tctgcatctg taggagacag agtcatcatc 60
acttgccggg caagtcagac cattcccagg ttcttgaatt ggtatcaaca gaagcctgga 120
aaagcccctg ttctcctgat tcatagtata tccagtttac aaagtggggt cccatcaagg 180
ttcagtgcca gtggatctgg gacagagttc actctcacca tcagcagtct gcaacctgaa 240
gatttcgcaa cttactactg ccaacagagt tacagtaatc tctctttcgg ccctgggacc 300
acagtggata ttagacga 318

<210> 215
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH46

<400> 215
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagta cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta atctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagact tacagttccc ctagcacttt cggccctggg 300
accaaagtgg atatcaaacg a 321

<210> 216
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH47

<400> 216
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagag cattagcaac tatttaaatt ggtatcagca gaaaccagga 120
aaagccccta acctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagttatc ctcgcacgtt cggccaaggg 300
accaaggtgg agatcagacg a 321

<210> 217
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH48

<400> 217
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg caagtcagta cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta atctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagact tacagttccc ctagcacttt cggccctggg 300
accaaagtgg atatcaaacg a 321

<210> 218
<211> 321
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH49

<400> 218
gccgagctca cccagtctcc atcctccctg tctgcatctg taggagacag agtcaccgtc 60
acttgccggg caagtcagag cattagcagc tatttaaatt ggtatcagca gaaaccaggg 120
aaagccccta agctcctgat ctatgctgca tccagtttgc aaagtggggt cccatcaagg 180
ttcagtggca gtggatctgg gacagatttc actctcacca tcagcagtct gcaacctgaa 240
gattttgcaa cttactactg tcaacagagt tacagtaccc cgtggacgtt cggccaaggg 300
accaaggtgg aaatcaaacg a 321

<210> 219
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH50

<400> 219
gccgagctca cccagtctcc atcgtccctg tctgcatctg taggagacag agtcaccatc 60
acttgccgga caagtcagag cattggcacc tatttaaatt ggtatcaaca aaaaccaggg 120
aaagccccta aactcctgat ctatgctgca tccaatgtgc aaagtggggt cccatcaagg 180
ttcagtggcg gtggatctgg gacaggtttc tctctcatca tcagcagtct gcaacctgaa 240
gatttagcaa tttactactg ccaacagagc tacagtgtcc ctccgtacag ctttggcccg 300
gggaccaagc tggagatcaa acga 324

<210> 220
<211> 324
<212> DNA
<213> Homo sapiens

<220>
<223> anti-Rh(D) antibody clone SH51

<400> 220
gccgagctca cacagtctcc atccttcctg tctgcatctg taggagacag agtcaccatc 60
acttgccggg ccagtcaggg cataaggagt tatttagcct ggtatcagca aaaaccaggg 120
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